

**SmartTouch<sup>®</sup>**  
**Master**  
**User's Guide**

METTLER TOLEDO customer:

Your new Model **SmartTouch**<sup>®</sup> Master is very simple to use and requires minimum maintenance. This unit comes from a proud tradition that has made METTLER TOLEDO<sup>®</sup> the worldwide symbol of the highest quality in precision weighing equipment.

Please read these instructions carefully. You will find that operating the unit is very simple. In the unlikely event you should experience difficulties, contact your nearest authorized METTLER TOLEDO Service Office, listed under "scales" in the yellow pages of your telephone directory.

Properly used and maintained, your new **SmartTouch**<sup>®</sup> Master will provide years of service which will protect your profits and your customers. Please handle your new **SmartTouch**<sup>®</sup> Master as you would any fine electronic equipment.

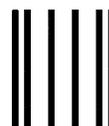
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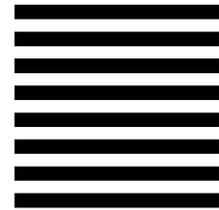


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## FCC Notice

This device complies with Part 15 of the FCC Rules and the Radio Interference Requirements of the Canadian Department of Communications. Operation is subject to the following conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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## Publication Revision History

Part Number	Date	Revisions
A14736800A	6/99	Update to include STEM, Frequent Shopper, new software features.

## PRECAUTIONS

READ this manual BEFORE operating or servicing this equipment.

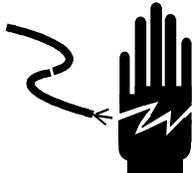
FOLLOW these instructions carefully.

SAVE this manual for future reference.

DO NOT allow untrained personnel to operate, clean, inspect, maintain, service, or tamper with this equipment.

ALWAYS DISCONNECT this equipment from the power source before cleaning or performing maintenance.

CALL METTLER TOLEDO for parts, information, and service.

	 <b>WARNING</b>
	<b>FOR CONTINUED PROTECTION AGAINST SHOCK HAZARD CONNECT TO PROPERLY GROUNDED OUTLET ONLY. DO NOT REMOVE THE GROUND PRONG.</b>

	 <b>WARNING</b>
	<b>DISCONNECT ALL POWER TO THIS UNIT BEFORE REMOVING THE FUSE OR SERVICING.</b>

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# 1

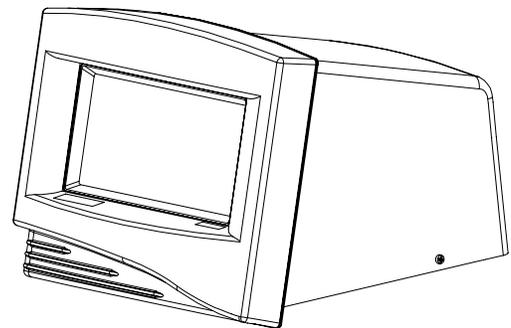
## Introduction

### General Description

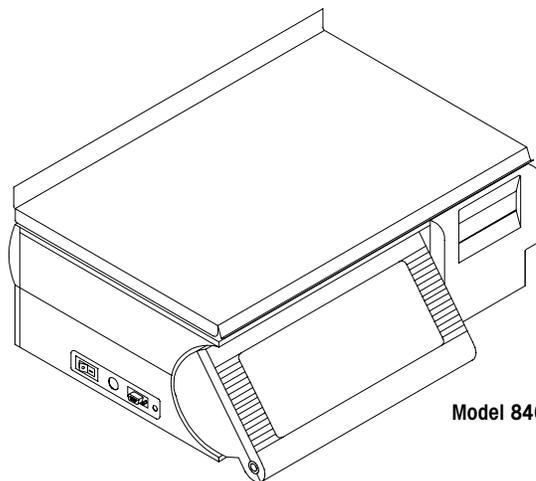
The **SmartTouch**<sup>®</sup> Master can be installed in any **SmartTouch**<sup>®</sup> Satellite or Ethernet Client, including the Models 8360, 8361, 8460, and 8461. This manual covers the Programming features of the **SmartTouch**<sup>®</sup> Master both TNET and Ethernet versions (STEM). In this manual, the **SmartTouch**<sup>®</sup> Master will be referred to either as the **SmartTouch**<sup>®</sup> Master, or just Master when referring to both versions. The **SmartTouch**<sup>®</sup> Ethernet Master will be referred to as STEM.

The SmartTouch Ethernet Master (STEM) is based on the **SmartTouch**<sup>®</sup> TNET Master. Functionally both the TNET and STEM operate the same. The STEM adds the Ethernet interface. The STEM is able to communicate to TNET Satellites using the METTLER TOLEDO<sup>®</sup> TNET protocol, or to the Ethernet Clients using TCP/IP protocol. TCP/IP is a standard communications protocol used on Ethernet Networks and the Internet.

The Master Editor can be accessed from any satellite that is on-line, but only one user can access the Master Editor at a time. Although different access levels are available, this manual will assume Master Access when explaining functions.



Model 8360/8361



Model 8460/8461

## Touchscreen Operation

Do not press on the Touchscreen. Use only a light touch for key entry.

Do not use a hard or sharp object to make key entries. This can scratch or damage the Touchscreen and lens.



The **SmartTouch**® Touchscreen is both a display and keyboard. The keyboard part of the Touchscreen does not use conventional keys, but instead senses where the fingertip is placed on the screen for key input. Only a light touch within the key area (Figure 1-3) is required. For best results, the fingertip must enter at a right angle (Figure 1-1) to touch the key area, and then must be withdrawn beyond the black lens surrounding the Touchscreen (Figure 1-3) before making the next key entry. When touching the keys, make sure no other finger drags on the screen. This would prevent the **SmartTouch**® Touchscreen from correctly sensing the fingertip.

Your thumb may not produce good results (Figure 1-2), especially if it is larger than the key. Wearing gloves may also not produce the best results if the gloves are larger than the key area. Again, do not press on the keys. Just a light touch is all that is required.

The Touchscreen is used to navigate through the master menus and the Programming keyboard is used for text entry. Selecting menu items on the touch screen is done by dragging a finger to the appropriate area on the screen so that the selection highlights, then removing the finger. If no selection is highlighted when the finger is removed, no selection is made. If a menu title is touched while its pull down menu is displayed, the pull down menu is removed. If a menu title is touched while a different pull down menu is displayed, the displayed pull down menu is removed and the new pull down menu is displayed.

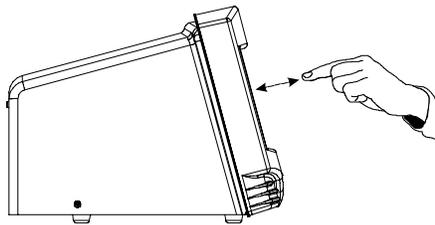


Figure 1-1: For Best Results, Use Fingertip

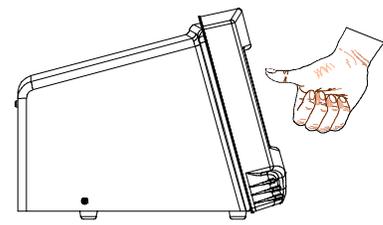


Figure 1-2: Thumb or Gloves may not work

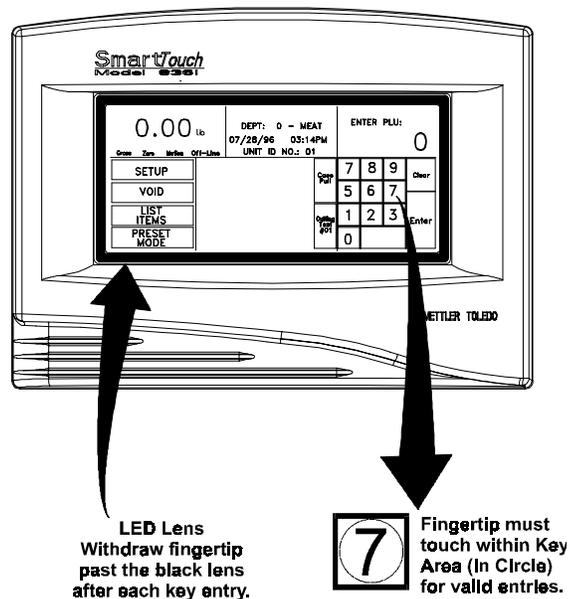


Figure 1-3: LED Lens and Key Area

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## Numeric Keyboard

When entering numerical data, the numeric keyboard will display on the screen. The command at the top of the keyboard (**ENTER PASSWORD** in this example), the current value (\*), and the Screen Dependent keys will vary depending on when the numeric keyboard is called. The keys and their functions are explained below.

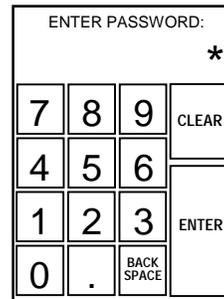


Figure 1-4: Numeric Keyboard Example

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### Numeric Keys

The numeric keys, 0-9 are used for typing in the desired numbers.

---

### Clear

If no data has been entered, touching CLEAR returns to the previous screen. If data has been entered, touching CLEAR will return the data to its original value. Once the data is back to its original value, touch CLEAR again to return to the previous screen.

---

### Enter

The ENTER key should be touched after the desired number has been typed in using the numeric keys. The Master will not accept the number or continue until the ENTER key has been touched.

---

### Screen Dependent Keys

The following keys will appear depending on when the numeric keyboard is called. Generally, this area is split into two keys, referred to below as "right" or "left", but some keys are large and take up the whole area.

#### Decimal Point

The decimal point, ".", is on the left. If no special keys are needed on the left side and the field can accept decimal point increments, the decimal point will appear.

#### Backspace

The BACKSPACE key is on the right. It is used to delete the last number while entering data. If no special keys are needed on the right side, the Backspace key will appear.

### Force

The FORCE key is on the right. Selecting FORCE will require the scale operator to manually enter the value. This key is available on the following fields in the PLU Edit screen: TARE1, TARE2, OUNCES, UNIT PRICE, and TOTAL PRICE.

### Blank

The BLANK key is either on the right or fills the entire area. Touching BLANK, rather than entering the value prevents that field from being printed or displayed. It is available for the SHELF LIFE and USE BY DAY fields in the PLU Edit screen and in all of the Nutrition Facts fields. Note: In the Nutrition Facts fields, for Required fields, when a field is blanked, the value defaults to 0, while for the Voluntary fields, the field is truly blanked.

### None

The NONE key is on the left. Touching NONE rather than entering a value does not assign an item for that field. It is available for the following fields in the PLU Edit screen: GROUP, GRADE, TEXT NUMBER, NF NUMBER, GR NUMBER and ACTION CODE.

### Edit

The EDIT key is on the right. It is found on the numeric keyboards and is used to make Quick changes to PLU records. Touching EDIT allows editing of the entire active PLU record through the PLU Edit screen rather than just making the quick change intended.

### List

The LIST key is either on the right or fills the entire area. Touching LIST will present a list of the items that were requested by the numeric keyboard. To select an item, touch the paging keys at the right (when available) to locate the desired item and touch that item to select it. Note: For some screens (ENTER PLU, etc.), the sort order will be requested by a screen that displays the sorting order possibilities. Touch the desired sorting order and then wait while the data is being sorted. The LIST key is available in many different screens.

LABEL FORMATS	QUIT
3.7" 1-LABEL NF STD/PK	
4.2" ET BY/WGT	▲
4.2" ET BY/CNT	
4.2" ET STD/PK	
4.2" ET LINK-GRAPH BY/WGT	▲
4.2" ET LINK-GRAPH BY/CNT	
4.2" ET LINK-GRAPH STD/PK	
4.2" ET SAT-GRAPH BY/WGT	▼
4.2" SAT-GRAPH BY/CNT	
4.2" SAT-GRAPH STD/PK	
4.2" SH/SAT GRAPH BY/WGT	▼

Figure 1-5: List Screen Example

## Alphanumeric Keyboard

When entering character data, the alphanumeric keyboard will be displayed on the screen. The command at the top of the screen and the current value (see figure below) will vary depending on when the alphanumeric keyboard is called.

When editing, type in all of the desired text and touch ENTER to save and exit when you are finished. The SHIFT and CAPS LOCK keys are used to switch between upper and lower case. The NEW LINE key is used on multiple-line text to go to the next line. (ENTER would save and exit.) The BACKSPACE key is used to delete the last character and is often used to delete existing text when different text is desired. Touching SHIFT, then BACKSPACE will delete the entire line. The QUIT key is used to exit without changing the text. Note: The Cursor, □, will not be displayed if the text line is full.

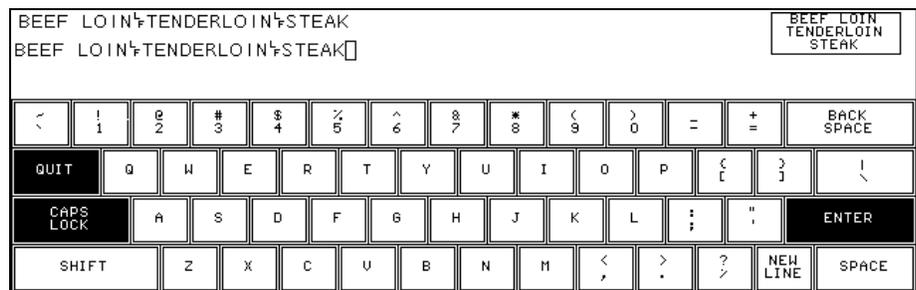


Figure 1-6: Alphanumeric Keyboard Example

## Programming Keyboard

Always turn the power off before connecting or disconnecting the programming keyboard.

The external Programming Keyboard is required to enter Extra Text. It is available through METTLER TOLEDO® by ordering factory number 958-0001. Most PC AT-style keyboards can also be used.

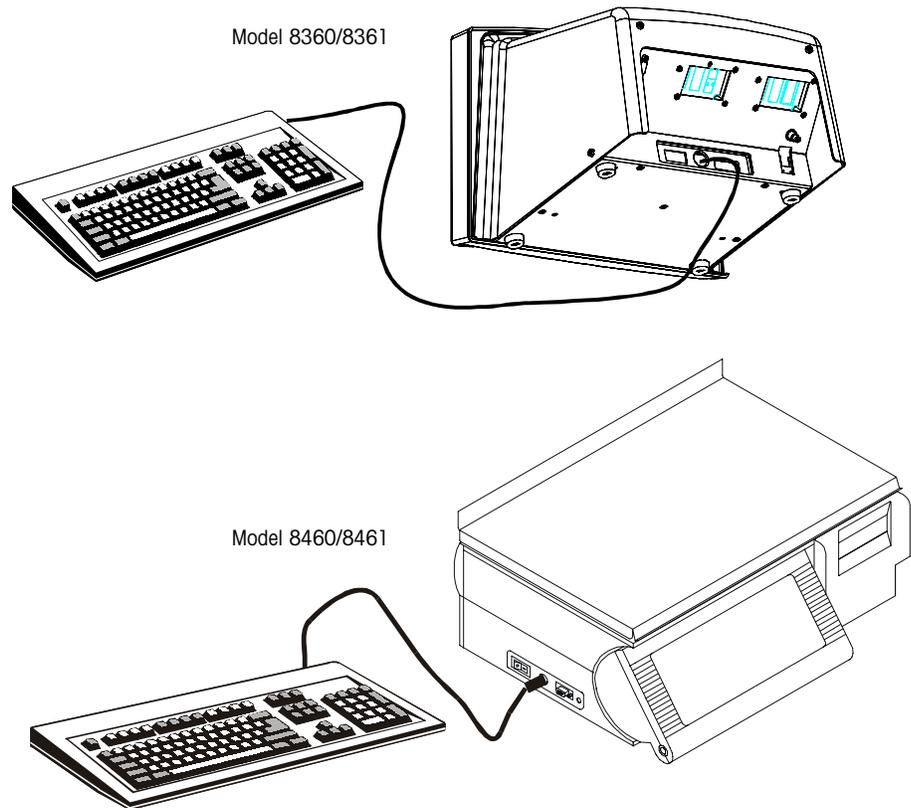


Figure 1-7: Optional Programming Keyboard Shown with Model 8361 and 8461

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## Programming Keyboard as an Alternate to the Touch Screen

Selection of menu items using the keyboard is done by typing the capital letter corresponding to the desired menu item (ex. **E**-Edit or **Y**-copY). To exit, press ESC on the keyboard. To select items from a list, use CTRL-A to select the first item, CTRL-B for the second item, etc. To choose selections from a prompt (e.g. "**SAVE CHANGES?**") use a lower case **a** for the first choice to the left, **b** for the second, etc. The Programming keyboard can also be used in place of the touch screen Numeric Keyboard or Alphanumeric Keyboard.

## Programming Keyboard in Extra Text Edit Screen

When entering text fields through the Extra Text Edit screen, the Programming keyboard is required and utilizes a built in editor with the following edit keys (^= hold down the **Ctrl** key while pressing the other key):

Key(s)	Programming Keyboard Key Functions
F1	Help
F2 or ^S	Search Mode. Request a search string from the user and position the cursor at the first occurrence of that string.
F3 or ^F	Find the next occurrence of the search string.
F4 or ^B	If there is not an active block, then start a block at the current cursor position.
F5 or ^K	If a block is being created (F4 was pressed), then mark the current cursor location as End-of-Block.
F6 or ^R	If there is an active block, then Un-mark the block.
F7 or ^Y	If there is an active block, then put a copy of the block at the current cursor position.
F8 or ^U	If there is an active block, then delete the block.
F9	Not used
F10	Saves the text and exits.
F11	Not used
F12	Not used
Home or ^A	If pressed: once - move cursor to the start of the current line, twice - move cursor to the start of the current window, three times - move cursor to the start of the text.
End or ^E	If pressed: once - move cursor to the end of the current line, twice - move cursor to the end of the current window, three times - move cursor to the end of the text.
Up arrow (↑)	Move the cursor up one line.
Down arrow (↓)	Move the cursor down one line.
Page Up or ^P	Move the cursor up one window's worth of text.
Page Down or ^N	Move the cursor down one window's worth of text.
Left arrow (←)	Move the cursor left one character.
Right arrow (→)	Move the cursor right one character.
^Right arrow (→)	Move the cursor right one word.
^Left arrow (←)	Move the cursor left one word.
Insert or ^V	Toggle the INSERT/OVERSTRIKE mode. If the editor is in INSERT mode, a block cursor is used. If the editor is in OVERSTRIKE mode, a line cursor is used.
Delete or ^D	Remove the character at the current cursor position.
^End or ^T	Remove all characters from the current cursor position to the end of the current line.
Shift-Tab	Move the cursor back one tab stop.
Backspace	Remove the character to the left of the current cursor position.
Escape or ^H	Exits without saving.
Alt-C	Center the lines of the current paragraph from the current cursor position to the end of the paragraph.
Tab or ^I	Tab to the next tab stop; 5 characters.
^L	Refresh the screen.
Enter or ^M	Return; move to the next line.

## **Access Levels - Master Passwords**

The password determines whether the operator has Master, Department, or Operator access. When a password is entered, it is checked against a list of passwords. If it matches the master password, Master level access is granted. If it matches a password for a particular department, Department level access is granted for that department. If it does not match any stored passwords, no access is granted. If no password is entered, Operator level access is granted.

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### **Operator Access**

With Operator level access, data can only be displayed and printed for the current department. No changes can be made. All functions will be displayed, but some will not be able to be selected. (They will not highlight when touched.)

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### **Department Access**

With Department level access, all data for the accessed department may be displayed, modified and printed. As with operator access, some pull down menus will not be able to be selected with department access. Changes which affect more than one department are not allowed.

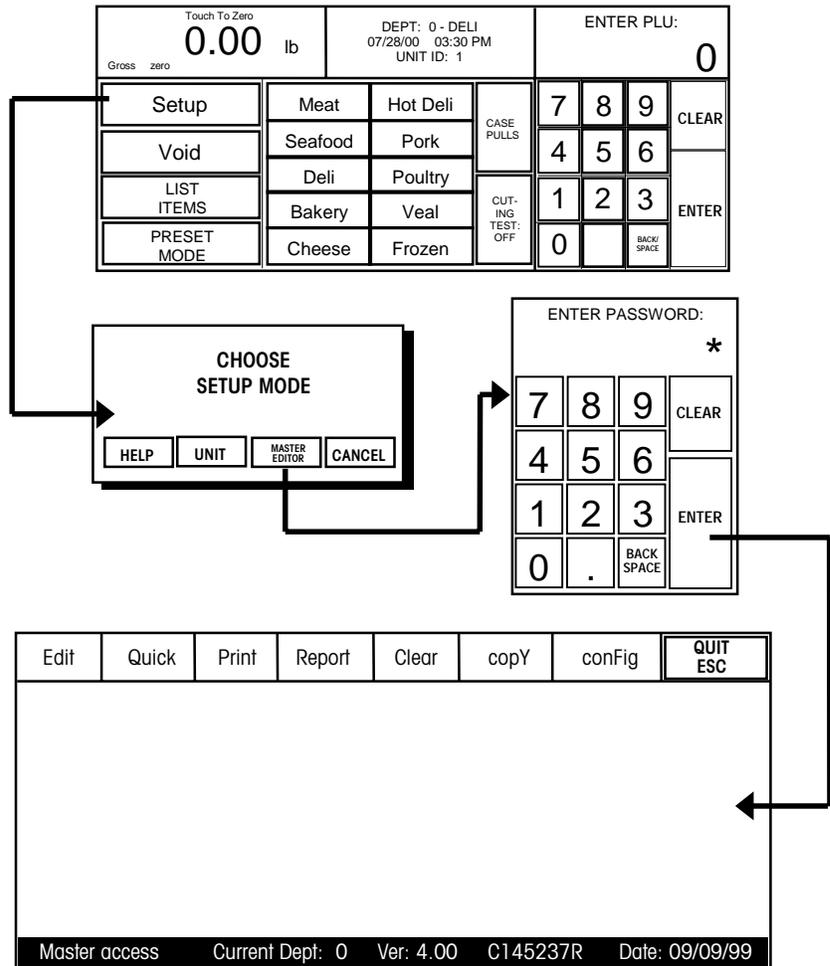
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### **Master Access**

With Master level access all data may be displayed, modified and printed. Most functions apply only to data within the current department, but with Master level access, the department can be changed.

## Accessing the Master Editor

To access the Master Editor from the Numeric screen, touch the SETUP key. The **Choose Setup Mode** message will appear. Touch the MASTER EDITOR key.



The Master Editor will time out after 20 minutes of inactivity if the satellite is left in the Master Editor Mode. While one satellite is in the Master Editor, other satellites or a host cannot communicate with the master. The next time the screen is touched, the satellite will return to the home screen. The master is available after the 20 minute timeout for host download or to talk to another satellite.

Figure 1-8: Access to Master Editor Menu

If another satellite is currently accessing the Master Editor, the message **MASTER EDITOR CURRENTLY UNAVAILABLE** will be displayed and you will need to try again at a later time. If you are not communicating with the master (you are off-line), an **ERROR COMMUNICATING WITH THE MASTER** message will be displayed, and you will need to re-establish communication before continuing. Otherwise, the numeric keyboard will be displayed prompting for a password. If no password has been programmed, just touch ENTER.

The Master Editor menu will be displayed. Along the bottom of the screen, the access level, department number, software version, and the Master's current date will be displayed. Touching QUIT will end the Master Editor session and return to the satellite screen. Touching a different menu title will activate the pull down menu for that option.



# 2

## Edit

This chapter covers functions found under the Edit Menu.

### Edit-PLU Record

The **EDIT-PLU RECORD** menu is used to create and edit PLU records. All of the fields in a PLU can be edited here. To begin editing, touch EDIT followed by PLU RECORD to display the numeric keyboard for the entry of the PLU number.

Edit	Quick	Print	Report	Clear	copY	conFig	QUIT ESC
pLU record							
EXtra text record							
Nutrition facts							
Action code record							
Grade record							
grOup record							
pLU accumulators							
Master access    Current Dept: 0    Ver: 4.00    C145237R    Date: 09/09/99							

Figure 2-1: Master Editor Edit Menu

### Add a PLU

To add a new PLU, enter a PLU number that has not been used through the numeric keyboard. A **PLU NOT FOUND** message will appear with 3 options. Touch CANCEL to return to the numeric keyboard, ADD ACTIVE to add an active PLU, or ADD PENDING to add a pending PLU. When adding new PLUs, you will be prompted for all of the fields of the PLU. An *Active* PLU record will be immediately added to the database. A *Pending* PLU can have a future activation date. A *Pending* PLU record becomes an Active record when it is activated.

## Edit a PLU

To edit an existing PLU, enter the number through the numeric keyboard or choose one through the list.

RECORDS FOR PLU 1		QUIT		ENTER PLU:	
TYPE	ACTIVATION			1	
ACTIVE		8	9	CLEAR	
PENDING	ONCE 14:00 09/09/00	5	6	ENTER	
		2	3		
**** ADD PENDING PLU RECORD ****		LIST			

Figure 2-2: Choosing a PLU Record to edit

After a PLU has been entered, the data base is searched for all records with a matching PLU number within the current department. A list of active and pending PLU records will be displayed. Only one active record is allowed per PLU.

To return to the numeric keyboard, touch QUIT. To edit an existing record, touch that record and the PLU Edit screen will display. To add a pending record, touch **\*\*\*\* ADD PENDING PLU RECORD \*\*\*\*** and the PLU Edit screen will display with the data copied from the active record (or the oldest pending record, if no active record exists). If Obsolete PLUs are enabled in the master, an obsolete PLU will be created when the pending record takes effect. The Obsolete PLU will take on the accumulator of the original PLU and the effective time and date of the pending PLU. The new PLU accumulators will be zero. If a pending record exists but an active record does not, there will be an **\*\*\*\* ADD ACTIVE PLU RECORD \*\*\*\*** box as well. When this box is touched, the PLU Edit screen will appear with the data copied from the oldest existing pending record.

Price Change Only (PCO) Pending PLUs can be sent from a host (such as Intelli-Net) to the Master. When using the Master Editor, PCO Pending PLUs will only show the PLU/Item numbers, price, and effective time/date. A PCO Pending PLU cannot be edited or deleted in the Master Editor.

## PLU Edit Screen

The PLU Edit Screen is used when the entire PLU record needs to be modified. (If only one field of the *active* PLU needs to be modified, this can be done through the Quick menu option).

Touching QUIT displays a **SAVE CHANGES** prompt. Touch YES to save changes and return to the numeric keyboard, NO to return to the numeric keyboard without saving changes, or CANCEL to return to the PLU Edit screen.

Touching DELETE displays a confirmation screen. Touch YES to delete the record and return to the numeric keyboard or NO to return to the PLU Edit screen. The DELETE key is only available when editing existing PLUs.

To edit a field, touch that field and follow the editing instructions. The following screens show examples of By-Weight Active, By-Count Active, and Std Pack Pending PLU's.

PLU NUMBER:	100	GROUP:	1	<input type="button" value="QUIT"/>
ITEM NUMBER:	0000123456	GRADE:	10	
DESCRIPTION:	GROUND BEEF	TEXT NUMBER:	300	<input type="button" value="DOWN"/>
DESCRIPTION:		NF NUMBER:	1	
PLU TYPE:	PRICE PER POUND	GR NUMBER:	222	
TARE 1:	0.02	ACTION CODE:	NONE	<input type="button" value="DELETE"/>
TARE 2:	FORCED	BARCODE:	SCALE SETTING	
UNIT PRICE:	1.19	BLANKED:		
SHELF LIFE:	2			
USE BY DAY:	0			

Figure 2-3: PLU Edit Screen 1 (By-Wgt PLU shown)

PLU NUMBER:	100	GROUP:	1	<input type="button" value="QUIT"/>
ITEM NUMBER:	0000123456	GRADE:	10	
DESCRIPTION:	GROUND BEEF	TEXT NUMBER:	300	<input type="button" value="DOWN"/>
DESCRIPTION:		NF NUMBER:	1	
PLU TYPE:	PRICE PER POUND	GR NUMBER:	222	
COUNT:	2	ACTION CODE:	NONE	<input type="button" value="DELETE"/>
TOTAL PRICE:	1.19	BARCODE:	SCALE SETTING	
SHELF LIFE:	2	BLANKED:		
USE BY DAY:	0			

Figure 2-4: PLU Edit Screen 1 (By-Count PLU shown)

PLU NUMBER:	100	GROUP:	1	<input type="button" value="QUIT"/>
ITEM NUMBER:	0000123456	GRADE:	NONE	
DESCRIPTION:	GROUND BEEF	TEXT NUMBER:	300	<input type="button" value="DOWN"/>
DESCRIPTION:		NF NUMBER:	1	
PLU TYPE:	STD PACK	GR NUMBER:	222	
COUNT:	10	ACTION CODE:	NONE	<input type="button" value="DELETE"/>
TOTAL PRICE:	1.19	BARCODE:	SCALE SETTING	
SHELF LIFE:	2	BLANKED:		
USE BY DAY:	0	ACTIVE DATE:	09/99/01	
		ACTIVE HOUR:	2	

Figure 2-5: PLU Edit Screen 1 (Standard Pack Pending PLU shown)

The following two screens show screen 2 of the standard and Frequent Shopper software versions.

Turn Label:	NO	QUIT
Date Forward:	NO	
Desc. line 2:	Same Size	DOWN
Saf. Graphic:	3	
Label Style:	1	
Dayglo No.:	235	DELETE
Security Lab	No	

Figure 2-6: PLU Edit Screen 2 (Standard Software)

Turn Label:	NO	QUIT
Date Forward:	NO	
Desc. line 2:	Same Size	DOWN
Saf. Graphic:	3	
Label Style:	1	
Dayglo No.:	235	DELETE
Security Lab No	No	
Sp. Price Type:	Member Price (Frequent Shopper or List Price)	
Special Pricing:	0.00	

Figure 2-7: PLU Edit Screen 2 (Frequent Shopper and STEM Software)

---

## PLU Fields

### PLU Number

The PLU number can be from one to six digits (1-999999) and must be unique within the current department. If it is not, a **PLU NUMBER ALREADY EXISTS** message is displayed and the PLU numeric keyboard is redisplayed. When the PLU record is saved, all other records (pending or active) for that PLU in the current department will have their PLU number automatically changed to the new number. This is the only field that automatically updates other records with the same PLU number.

### Item Number

The Item number can be from one to 10 digits, but the bar code may only use the 5 or 6 least significant digits depending on the barcode format. If the master has been set up for unique item numbers (located in Master editor, Config Menu, PLU record defaults) and the item number entered is not unique, an **ITEM NUMBER ALREADY EXISTS** message is displayed and the item number numeric keyboard is redisplayed.

### Description

Two lines of description are allowed per PLU record. For these two options, the alphanumeric keyboard is presented for editing the first and second lines (respectively) of the PLU description. Each line may be up to 32 characters long, but the text may be truncated on the PLU Edit screen.

## PLU Type

PLU types are pricing modes, including PRICE PER POUND, POUNDS FOR, PRICE PER HALF POUND, PRICE PER QUARTER POUND, BY COUNT, STANDARD PACK, and MANUAL. The choice of PLU type affects some of the menu options for the PLU Edit screen. If a change in PLU type is made that changes one of these options, the default value for the new option is assigned.

## Pounds/Count

This field changes depending on the PLU type. For **Pounds For** PLUs, this field is titled **POUNDS** and when selected presents a numeric keyboard for the entry of the number of pounds (default = 1). For **By Count** and **Std Pack** PLUs, it is titled **COUNT** and when selected presents a numeric keyboard for the entry of the number items (default = 1). For **Price Per Pound**, **Price Per Half Pound**, **Price Per Quarter Pound**, and **Manual** PLUs this field is blank and disabled.

## Tare1/Ounces

This field changes depending on the PLU type. For **Price Per Pound**, **Price Per Half Pound**, **Price Per Quarter Pound**, and **Pounds For** PLUs, this field is titled **TARE1** and when selected presents a numeric keyboard for the entry of the tare weight (default = 0.00). For **Std Pack** PLUs, it is titled **OUNCES** and when selected presents a numeric keyboard for the entry of the number of ounces in a pack. For **By Count** or **Manual** PLUs, this field is blank and disabled.

## Tare2

This field changes depending on the PLU type. For **Price Per Pound**, **Price Per Half Pound**, **Price Per Quarter Pound**, and **Pounds For** PLUs, this field is titled **TARE2** and when selected, a **SELECT TARE2 TYPE** screen is presented. Tare2 can be a fixed weight or forced so that the operator must enter the tare. A **PERCENTAGE** option is displayed but functions as the **FIXED WEIGHT** tare. If **FIXED WEIGHT** or **PERCENTAGE** are selected, a numeric keyboard prompts for the values of a tare weight (default=0.00). If **FORCED** is selected, the word **FORCED** appears in that field. This tare is available for the situation when 2 different tares are needed for the same product (ex. - with meat products, one tare is for the back room, and one tare is for the counter, after the meat has been re-packaged). For the older equipment (8422/23/27/8305), the TARE2 value is not interpreted and the TARE1 value is automatically used. With the Model 8360, 8361, 8460, and 8461 **SmartTouch**<sup>®</sup> satellites, the TARE value used is chosen through the Unit Setup menu (see the specific model's service manual for setup information). For **By Count**, **Standard Pack**, and **Manual** PLUs, this field is blank and disabled.

## Unit Price/Total Price

This field changes depending on the PLU type. For **Price per Pound**, **Price Per Half Pound**, **Price Per Quarter Pound**, and **Pounds For** PLUs, this field is titled UNIT PRICE and when selected presents a numeric keyboard for the entry of the unit price (default = \$0.00). For **By Count** and **Standard Pack**, it is titled TOTAL PRICE and when selected presents a numeric keyboard for the entry of the total price (default = \$0.00). For **Manual** PLUs this field is blank and disabled.

## Shelf Life

The Shelf Life is represented by the number of days after the pack (current) date and can be in the range of 0 to 999 (default = 0).

### Use By Day

A numeric keyboard is presented for the entry of the use by (eat by) days. The value is represented by the number of days after the pack (current) date and can be in the range of 0 to 999 (default = 0).

### Group

A numeric keyboard is presented for the entry of the group number (1-500). Once a group number is assigned in a department, it can not be used by any other department. When the groups are listed (through the numeric keyboard) or printed, only the groups for the chosen department will be displayed. If a new group number is chosen that is already in use by another department, a **GROUP NUMBER ALREADY ASSIGNED** message will display and you must choose a different group number. When a new group number is entered, the alphanumeric keyboard will display for the entry of a 10-character group name.

### Grade

A numeric keyboard is presented for the entry of the grade number (1-16) or touch LIST to choose from the list of grade records.

### Text Number

A numeric keyboard is presented for the entry of the text number (1-999999). If a *new* text number is selected, an **EXTRA TEXT RECORD NOT FOUND** message will display with three options. Touching ADD EXTRA TEXT presents a numeric keyboard requesting the number of characters per line (1-54, default = 42) and then advances to the Extra Text Edit screen. If no QWERTY keyboard is attached an error message is shown. Touching COPY FROM TEXT RECORD presents a numeric keyboard (with the list option) requesting the extra text number of the extra text record you wish to copy and then advances to the Extra Text Edit screen with the copied extra text displayed. Touch CANCEL to return to the extra text numeric keyboard.

Note: The QWERTY keyboard is required. Up to 60 lines of extra text can be entered. When finished editing, press F10 on the QWERTY keyboard to save and exit or ESC to exit without saving.

### NF Number

A numeric keyboard is presented for the entry of a Nutrition Facts record number (1-999999). If a new Nutrition Facts number is entered, you will be prompted with the Nutrition Facts Selection screen. Select the proper setup by touching the desired items, then touch CONTINUE.

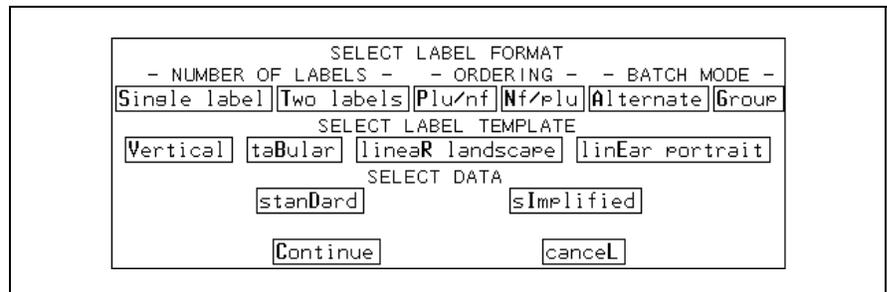


Figure 2-8: Nutrition Facts Selection Screen

At this point, edit screens (most of them numeric keyboards) will display for the entry of all of the Nutrition Facts fields.

In master software Version 4 and the STEM, the maximum recommended size of a graphic image was increased from 3k to 6k. The model 8461 software Version 2 or later, or any version of the Client can use the larger graphics up to approximately 6k.

### GR Number

A numeric keyboard is presented for the entry of a Graphics number (1-999999) corresponding to a graphics image resident in the Master. Graphics images are created in a graphics program that can create and edit raster images and save them as monochrome (black and white) PCX files. The graphic images are assigned a number and downloaded to the Master through Intelli-Net™. See the Intelli-Net™ manual for more information about downloading graphics images.

### Action Code

A numeric keyboard is presented for the entry of the Action Code (1-50). An Action Code will perform some function when the PLU is called. Action Code setup and functions are described later in this section.

### Barcode

When the **SmartTouch**® Master is configured for UPC barcodes, a menu is presented listing the barcode types. Touch the desired type to select.

- 0 GENERAL MERCHANDISE (10-Digit Item Number)
- 1 NOT IDENTIFIED
- 2 RAND. WT. (PRICE ENCODED)
- 3 NATIONAL DRUG AND HEALTH
- 4 IN-STORE MARKING
- 5 COUPONS
- 6 (10-Digit Item Number)
- 7 (10-Digit Item Number)

When the **SmartTouch**® Master is configured for EAN barcodes, you will be asked to enter the EAN Flag 2 digit.

### Barcode Format

When a Type-2 UPC Bar Code is selected or if the Bar Code is configured as EAN, the format of the symbol must be configured, as follows: (N=Item Number, C=Price/Weight Check Digit, \$=Total Price, X=Bar Code Check Digit, #=Weight).

UPC Formats	EAN Formats
NNNNN C\$\$\$\$X	NNNNN N\$\$\$\$X
NNNNN O\$\$\$\$X	NNNNN \$\$\$\$\$X
NNNNN N\$\$\$\$X	NNNN\$ \$\$\$\$\$X
NNNNN \$\$\$\$\$X	NNNNN C\$\$\$\$X
NNNNN C####X	NNNNC \$\$\$\$\$X
NNNNN O####X	NNNNN #####X
NNNNN N####X	NNNNC #####X
NNNNN #####X	

### Blanked

A menu lists fields for which printed (label) output may be blanked. These are in addition to fields that may be blanked through the numeric keyboard. Touching the item in the menu toggles the state from Normal to Blanked. When all the fields have been set as desired, touch QUIT to return to the main edit screen. The data line for this item displays the items which have been toggled to Blanked: PACK - Pack Date, WEIGHT - Net Weight, UNIT - Unit Price, TOTAL - Total Price.

### **Activation Date**

This field is only available on Pending PLU records. A menu is presented to select when the Pending record becomes active. Touching MONTH (1-12), DAY (1-31), YEAR (0-99), or HOUR (0-23) presents a numeric keyboard for entering the desired value. Touch DONE to return to the PLU Edit screen.

### **Active Hour**

This field is only available on Pending PLU records. A numeric keyboard is presented for entering the hour for activation (0-23). Changing the Active Hour here also changes it in the Activation Date edit. Changing the Active Hour through editing the Activation Date also changes the Active Hour here.

### **Turn Label**

This field toggles between YES and NO. If YES, both labels will be rotated 90 degrees when applied by the applicator. (Used only by the 8360 or 8361 Satellite and 317 printer/applicator.)

### **Date Forward**

This field toggles between YES and NO. If YES, one will be added to the shelf life or use by date at the hour determined in Unit Setup, Change Time/Date. This function will advance the date one day for items packed late in the day.

### **Desc. Line 2**

This field defines the size of the second description line. The line can be larger, smaller or the same size as the first description line.

### **Sat. Graphic**

This field is for the entry of a satellite graphic number used only by the 8360 or 8361. There are fifteen (1-15) built-in graphics and the Safe Handling Panel on the **SmartTouch**<sup>®</sup> 8360 or 8361 satellite. See Chapter 9 for examples of the graphics images.

### **Label Style**

This field presents a numeric keyboard for the entry (0-7) of label style. This number indicates which style of label will be printed for this PLU. Style 0 is the default format configured at the satellites. Styles 1-7 will override the default style for a PLU.

### **Dayglo No.**

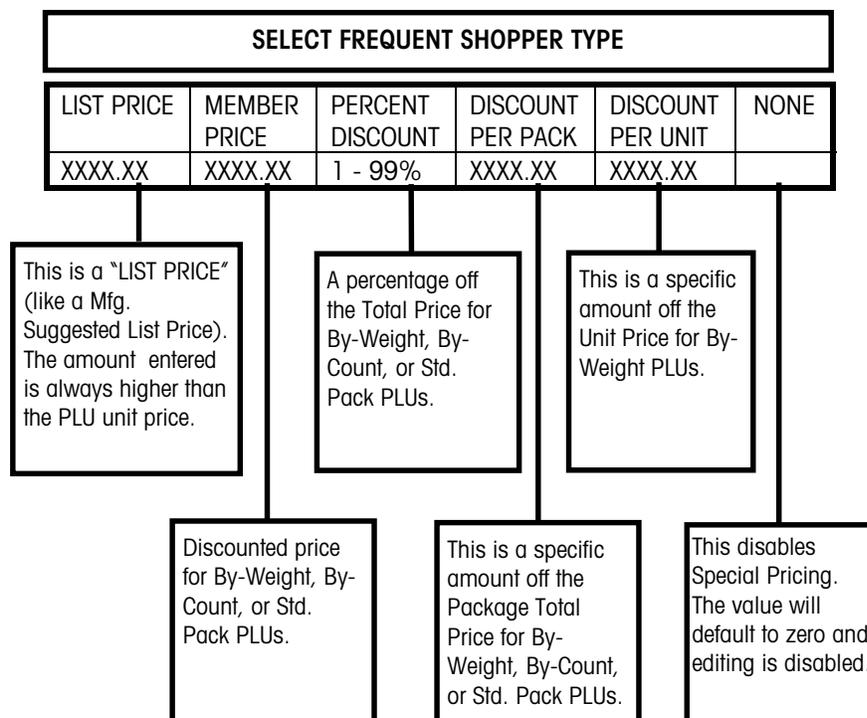
This field is the linked graphics number for the 317 DayGlo label which may be printed on Printer 2 of the 8360 or 8361 Satellite. Satellite graphics are not available on DayGlo labels. Graphic Images are downloaded to the master from Intelli-Net<sup>®</sup>.

### **Security Lab**

The Security Label field is used by the Model 8361 Backroom Controller with a Model 702 Bottom Applicator to select whether to apply (Yes) or not apply (No) a bottom label. This feature does not work with the Model 702 Standalone with the Model 602 Labeler.

### Sp. Price Type (F.S. and STEM Software Only)

**Special Price Type** will only show up when the METTLER TOLEDO Frequent Shopper for **SmartTouch**® Master is installed in a TNET master or all versions of the STEM. After highlighting "Sp. Price Type" the following screen will appear to make your selection.



### Special Pricing (F.S. and STEM Software Only)

**Special Pricing** will only show up when the METTLER TOLEDO® Frequent Shopper for **SmartTouch**® Master is installed in a TNET master or all versions of the STEM.

After touching **Special Pricing** a keypad will display to enter the discount amount.

Once a selection for "Special Pricing Type" has been made and you wish to make a change, simply touch SPECIAL PRICING in the Master Edit PLU screen to display the keypad. Touch CLEAR to void any special pricing entries.

The "List Price" is always a higher value than the regular unit price. It is similar to a "Mfg. Suggested Retail Price". Using this type of pricing will not require the POS software to make any new calculations. The regular total price (the lower amount) will print in the barcode and the customer receives the discounted total price.

PLU #1145    Beef for Stew  
Unit Price    \$1.49 per lb.  
List Price    \$2.00 per lb.

The Total price will appear in the bar code and be charged to the customer. The higher "List price" will also print on the label. For additional details, refer to the Frequent Shopper Software User's Guide, P/N 15368300A.

## Edit-Extra Text Record



QWERTY Keyboard Required

Extra text records are used for recipes or additional printed information on the label. They are created in the Master Editor, and assigned to PLUs (up to six digits, 1-999999). Extra text records can be linked to more than one PLU in any department and can be linked together (Chained). The QWERTY keyboard must be installed to edit Extra Text at the master. (You may have to cycle power if the keyboard is installed with power on.) If the keyboard is not attached when entering the Extra Text Edit screen, a **QWERTY KEYBOARD NOT CONNECTED!** message will appear. To edit Extra Text records, touch EDIT followed by EXTRA TEXT RECORD to display the numeric keyboard for the entry of an Extra Text number.

## Extra Text Edit Screen

Use the QWERTY keyboard with the edit commands described previously to edit up to 60 lines of extra text. When finished editing, press **F10 to save** and exit or **ESC to exit without saving**.

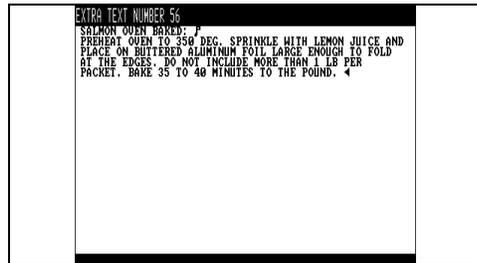


Figure 2-9: Extra Text Edit Screen

## Add Extra Text

To add a new Extra Text record, enter an unused number. An **EXTRA TEXT RECORD NOT FOUND** message will appear with 3 options. Touch ADD EXTRA TEXT then enter the number of characters per line (1-54, 42 default) and type in the text on the editor screen. Touch COPY FROM TEXT RECORD to copy a record, or touch CANCEL to return to enter another extra text number.

To chain Extra Text records, do the following on a new record in the Extra Text Editor:

- Press: F9
- Type: +
- Type: NNNNNN (Extra Text number you wish to link up to six digits.)
- Type: T (uppercase T)
- Press: ENTER

## Edit Extra Text

To edit an existing Extra Text record, verify that the QWERTY keyboard is installed, then enter an existing Extra Text number through the numeric keyboard or choose from the list. A screen listing the extra text number with three options will display. Touch CANCEL to return to the Extra Text numeric keyboard, DELETE to delete the Extra Text Record (after confirmation), or EDIT to advance to the Extra Text Edit screen.

## Edit-Nutrition Facts

Nutrition Facts records are used to print nutrients, vitamins, minerals and dietary information (per FDA 21 CFR part 101). Nutrition Facts are created and edited in the Master Editor and assigned to PLUs through their identification number (1-999999). Nutrition Facts records can be linked to more than one PLU in any department. To edit Nutrition Facts records, touch EDIT followed by NUTRITION FACTS to display the numeric keyboard for the entry of a Nutrition Facts number.

### Add a Nutrition Facts Record

The screenshot shows a menu titled "SELECT LABEL FORMAT" with the following options:

- SELECT LABEL FORMAT
  - NUMBER OF LABELS -
  - ORDERING -
  - BATCH MODE -
  - Single label
  - Two labels
  - Plu/nf
  - Nf/plu
  - Alternate
  - Group
- SELECT LABEL TEMPLATE
  - Vertical
  - tabular
  - linesR
  - landscape
  - linear portrait
- SELECT DATA
  - standard
  - simplified
- Continue
- cancel

Figure 2-10: Select Label Format Screen

To add a new Nutrition Facts record, enter a number that has not been used for a Nutrition Facts record through the numeric keyboard. The Select Label Format Screen will display. Adjust all of the parameters to the desired values, and touch CONTINUE when finished. To return to the Nutrition Facts numeric keyboard without creating a record, touch CANCEL.

#### Number of Labels

Select the appropriate number of labels, **Single label** or **Two labels** by touching the corresponding box. With a single label, the printer will use the label format assigned by PLU type. The user must create custom format labels for each PLU type with the required PLU and Nutrition Facts information. This function is not operational in the Models 8360/8361/8460 since dual labels are not functional. With two labels, the printer will perform as if a single label were selected.

#### Ordering

This option will only be present when a Two Label record has been selected. Touch **Plu/nf** to print the PLU label first and the Nutrition Facts label second or **Nf/plu** to print the Nutrition Facts label first and the PLU label second. This function is not operational in the Models 8360/8361/8460 since dual labels are not functional.

#### Batch Mode

This option will only be present when Two Labels have been selected and only applies when multiple 2 label sets are being printed. (Multiple sets are printed when Standard Pack or By Count PLUs have the **<No. of Labels>** set to a value that is greater than one.) Touch **<Alternate>** to alternate the printing of the PLU and Nutrition Facts labels or **<Group>** to print all of the PLU labels together and all of the Nutrition Facts labels. This function is not operational in the Models 8360/8361/8460 since dual labels are not functional.

### Select Label Template

The Label Template determines how the data is printed and which data is printed. Touch the appropriate box to determine the template for the Nutrition Facts label.

**Vertical** - The vertical template is a variable length template printed with text perpendicular to the direction of label movement. It can use either the standard data set or the simplified data set. To specify the following formats, select the **Vertical** template, then select either the **standard** or **simplified** data type. Examples of both follow.

Note: METTLER TOLEDO has applied for and FDA has verbally approved a variance for METTLER TOLEDO products to use 2 lines to print "Calories" and "Calories from fat" instead of a single line.

- **Vertical Standard:** The Vertical Standard format is the normal format used for Nutritional information. All other formats are variations of this format and can only be used in special applications. See 21 CFR part 101.9(d). The Vertical Standard format includes all of the required fields and those voluntary fields that do not have a blank value. This format also has a footnote that includes the recommended Daily Value for a 2000 and 2500 calorie diet.

Nutrition Facts		
Servings Size	1 oz (1g)	
Servings Per Container	2	
Amount Per Serving		
Calories	0	
Calories from Fat	0	
	%Daily Value*	
Total Fat	0.0 g	0%
Saturated Fat	0.0g	0%
Cholesterol	0mg	0%
Sodium	0mg	0%
Total Carbohydrate	0g	0%
Dietary Fiber	0g	0%
Sugars	0g	
Protein	0g	
Vitamin A	0%	Vitamin C 0%
Calcium	0%	Iron 0%
*Percent Daily Values are based on a 2,000 calorie diet.		

Figure 2-11: Vertical Standard Nutrifacts Format

- **Vertical Simplified:** The Vertical Simplified format can be used in place of the Vertical Standard format when one of the following conditions are met:
  1. The food contains insignificant amounts of 7 or more of the required items not including "Calories from saturated fat".
  2. The food is intended for a child less than 2 years of age and contains insignificant amounts of 6 or more of the required items not including "Calories from saturated fat", "Saturated Fat", and "Cholesterol".

\* See 21 CFR part 101.9(f).

The operator must determine if the conditions are met. The Vertical Simplified format includes all of the required fields and those voluntary fields that do not have a blank value. The required fields that are indicated by an asterisk in the Nutrition Fields chart *will not* print in the main Nutrition Facts table when they are present in insignificant amounts, but *will* print in the footnote. This footnote lists all of the required fields that are present in insignificant amounts following the words "Not a significant source of . . .".

Nutrition Facts	
Servings Size	1 oz (1g)
Servings Per Container	2
Amount Per Serving	
Calories	0
%Daily Value*	
Total Fat	0.0 g 0%
Total Carbohydrate	0g 0%
Protein	0g
*Percent Daily Values are based on a 2,000 calorie diet.	
Not a significant source of calories from fat, saturated fat, cholesterol, dietary fiber, sugars, vitamin A, vitamin C, calcium, iron.	

Figure 2-12: Vertical Simplified Nutrifacts format

Note: The FDA places restrictions on the use of this template based on display panel area, ref. 21 CFR part 101.9(j)(13).

**Tabular Simplified** - The Tabular template is a *fixed width* and *fixed length* template printed with text parallel to the direction of label movement. The tabular simplified format prints all of the required fields and none of the voluntary fields.

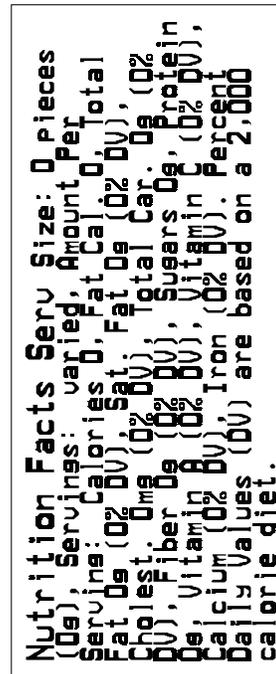
Nutrition Facts	
Serv Size	Amount/Servings
0 oz (0g)	0g
Servings	0g
Label	0g
% Daily Values	0g
% Daily Values (DV) are based on a 2,000 calorie diet.	0g
Total Fat	0g
Sat Fat	0g
Cholest	0g
Sodium	0mg
Vitamin A	0g
Calcium	0g
Total Carb	0g
Fiber	0g
Sugars	0g
Protein	0g
Vitamin C	0g
Iron	0g

Figure 2-13: Tabular Simplified Nutrifacts format

**METTLER TOLEDO SmartTouch Master User's Guide**

Note: The FDA places restrictions on the use of this template based on available display panel area, ref 21 CFR part 101.9(j)(13).

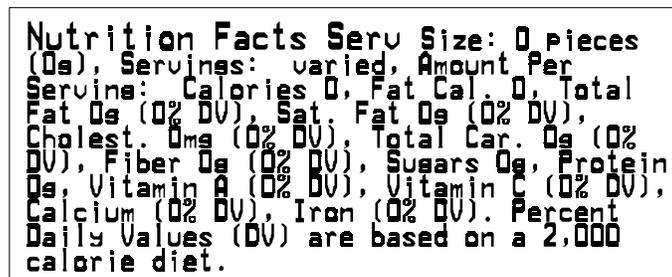
**Linear Landscape (Standard)** - The Linear Landscape template is a variable width template printed with text parallel to the direction of label movement. The Linear Landscape format includes all of the required fields and the voluntary fields that do not have a blank value.



**Figure 2-14: Linear Landscape Nutrifacts format**

Note: The FDA places restrictions on the use of this template based on available display panel area, ref 21 CFR part 101.9(j)(13).

**Linear Portrait (Standard)** - The Linear Portrait template is a *variable length* template printed with text perpendicular to the direction of label movement. The Linear Portrait format includes all of the required fields and the voluntary fields that do not have a blank value.



**Figure 2-15: Linear Portrait Nutrifacts format**

**Select Data**

The chart below lists the fields that are required (R) and voluntary (V) along with the insignificant value (when applicable).

<b>Nutrition Field</b>	<b>Type</b>	<b>Insig. Amount</b>
Calories	R	<=5
Calories from fat	R	<=5*
Calories from saturated	V	
Total fat (g)	R	<=0.5
Total fat (%)	R	
Saturated fat (g)	R	<=0.5
Saturated fat (%)	R	
Polyunsaturated fat (g)	V	
Monounsaturated fat(g)	V	
Cholesterol (mg)	R	<=2*
Cholesterol (%)	R	*
Sodium (mg)	R	<=5
Sodium (%)	R	
Potassium (mg)	V	
Potassium (%)	V	
Total carbohydrate (g)	R	<=1
Total carbohydrate (%)	R	
Dietary fiber (g)	R	<=1*
Dietary fiber (%)	R	*
Soluble fiber (g)	V	
Insoluble fiber (g)	V	
Sugar (g)	R	0*
Sugar Alcohol	V	
Other carbohydrates (g)	V	
Protein (g)	R	<=1
Protein (%)	V	
Vitamin A (%)	R	<=2%*
Beta-carotene (%)	V	
Vitamin C (%)	R	<=2%*
Calcium (%)	R	<=2%*
Iron (%)	R	<=2%*
Vitamin D (%)	V	
Vitamin E (%)	V	
Thiamin (%)	V	
Riboflavin (%)	V	
Niacin (%)	V	
Vitamin B6 (%)	V	
Folate (%)	V	
Vitamin B12 (%)	V	
Biotin (%)	V	
Pantothenic acid (%)	V	
Phosphorus (%)	V	
Iodine (%)	V	
Magnesium (%)	V	
Zinc (%)	V	
Copper (%)	V	

\* = For the Vertical Simple template, these fields are not printed in the main Nutrition Facts table when they have insignificant values. They are printed in the footnote, following the words "Not a significant source of . . ." with the other fields that contain insignificant amounts. See 21 CFR part 101.9(f).

## Nutrition Fact Fields

\*Note: The Serving Size and Servings per Container fields are the exception. For the Serving Size units, a screen will be presented to choose OZ , PIECES, TEXT, or CANCEL.

The **SmartTouch**<sup>®</sup> master will prompt you for all of the \*fields (required *and* voluntary) in a Nutrition Fact record. In all cases, it is the responsibility of the operator to enter the correct values, paying special attention to units and increments. The scale will simply print the information that is entered with the unit symbol for the units that were requested without doing a "validity check" of any type.

When entering data through the numeric keyboard, touching BLANK for a required field will set the value to zero, while touching BLANK for a voluntary field will leave the field blank and it will not be printed. In general, the fields followed by a "%" sign refer to the Percent Daily Value for that field based on a 2000 calorie diet. This calculation is *not* checked within the scale.

If at any time you want to exit the editing screens, touch CLEAR (or CANCEL from the alphanumeric keyboard) until the **SAVE CHANGES** prompt appears. At this point, touch YES to save the record (unmodified fields will stay at their default values), or touch NO or CANCEL to exit without saving the record.

If all of the fields have been modified (or blanked), the **SAVE CHANGES** prompt automatically appears. Touch YES to save or touch NO or CANCEL to disregard all of the data entered. Touching CANCEL displays the **SAVE CHANGES** prompt. Touch YES to save or touch NO to disregard any data entered. Either situation will return to the Nutrition Facts Number numeric keyboard.

Touching OZ or PIECES presents a numeric keyboard for the entry of the number of ounces/pieces, followed by a numeric keyboard to enter the serving size in grams. (FDA rules specify the conversion 1 oz. = 28 grams. The scale does not check this calculation.) The scale then automatically calculates the Servings per Container.

Touching TEXT prompts you to enter the serving size (limit is 28 characters or less depending on the template used) followed by the number of servings per container (limit 10 characters).

## Edit Nutrition Facts

To edit an existing Nutrition Facts Record, enter an existing Nutrition Facts number through the numeric keyboard or choose from the list. The Nutrition Facts Edit Screen will display.

After editing the record, touching QUIT displays a **SAVE CHANGES** prompt. Touch YES to save changes and exit, NO to exit without saving changes, or CANCEL to return to the Nutrition Facts Edit screen.

Touching DELETE displays a confirmation screen. Touch YES to delete the record and exit, or NO to return to the edit screen. The DELETE key is only available when editing existing NF records.

Touching UP or DOWN (when available), moves up or down one page. There are a total of three pages in the Nutrition Facts Edit screen.

To edit a field, touch that field and follow the editing instructions.

NF NUMBER:	1	SAT FAT CAL:		QUIT
FORMAT:	1 LABEL	TOTAL FAT:	0.2 g	
		TOTAL FAT:	3 %	
TEMPLATE:	STANDARD VERTICAL	SAT FAT:	0.1 g	DOWN
SERV SIZE:	3 oz	SAT FAT:	2 %	
SERV SIZE:	84	POLYUNSAT:	%	DELETE
		MONOUNSAT:	%	
		CHOLESTEROL:	0 mg	
CALORIES:	115	CHOLESTEROL:	0 %	
FAT CAL:	10	SODIUM:	0 mg	
		SODIUM:	0 %	

**Figure 2-16: Nutrition Facts Edit Screen (1 of 3 pages)**

## Edit-Action Code Record

Action codes currently have three different types defined. Type-1 action codes allow PLU descriptions to be overridden for the PLUs they are linked to. Type-2 action codes allow PLU store addresses to be overridden for the PLUs they are linked to. Type-3 action codes are used for marquee text (marquee not available on Models 8360/8361). Action code types 4-50 can be assigned but have no specific function associated with them.

Types 1 and 2 action codes are assigned to PLUs through their identification number (1-50) and can be linked to more than one PLU in any department. If an action code with a type other than 1 or 2 is linked to a PLU, it will be ignored. Type-3 action codes are downloaded to a satellite through the Unit Setup menu.

To edit action codes, touch EDIT followed by ACTION CODE RECORD to display the numeric keyboard for the entry of an Extra Text number.

## Edit Action Code

Figure 2-17: Action Code Selection Screen

All action code records default to Type-0, which is inactive. To create an active record, or edit an existing record, enter the action code record number or choose from the list (touch the LIST key). A message will appear with the action code number, type, and three options. Touch CANCEL to return to the Action Code numeric keyboard, DELETE to delete the action code text and change the type back to 0, or EDIT to display the Action Code Selection screen.

### Assign Type

The Action Code Selection screen permits changing the action code type by touching the appropriate box. The **SELECT OTHER TYPES** box is available to create a new type (4-50) through the numeric keyboard. After a type is assigned, the "title box" will change to reflect the type chosen.

### Edit Text

To edit the text, touch one of the **TEXT:** boxes to present the alphanumeric keyboard. Enter the desired text, then touch ENTER. The text input will be two lines of 32 characters (TEXT1: and TEXT2:) for types 1 and 2, or one line of 63 characters (TEXT:) for type 3-50. If you attempt to save an action code that has text without assigning a valid type, you will receive the **UNUSED ACTION CODES (TYPE 0) CAN NOT HAVE TEXT LINKED TO THEM** message with the option to clear the text or change the type.

### Save Changes

When all changes have been made, touch QUIT from the Action Code Selection screen. A **SAVE CHANGES** prompt will appear. Touch YES to save the changes and return to the numeric keyboard, NO to return to the numeric keyboard without saving, or CANCEL to return to the Action Code Selection screen.

---

## Edit-Grade Record

Grade records are generally used to print meat grade or for special pricing changes or coupons. They are edited in the Master Editor, and assigned to PLUs through their identification number (1-16). The grade record can be linked to more than one PLU in any department. To edit a Grade Record, touch EDIT followed by GRADE RECORD to display a list of the grade records.

GRADES		QUIT
NO.	DESCRIPTION	
01	GRADE 1 TEXT	
02		
03		
04		
05		
06		▼
07		
08		▼
09		

Figure 2-18: Grade Record Selection Screen for editing

From the list, use the paging keys to find the desired grade line and touch it to select. A message will appear with the grade number and three options. Touch CANCEL to return to the grade record list, DELETE to delete the text for the chosen grade number, or EDIT to edit the grade record text through the alphanumeric keyboard.

When editing text from the alphanumeric keyboard, key in the desired text (one line of up to 23 characters) and touch ENTER. A **SAVE CHANGES** prompt will appear. Touch YES to save the text and return to the grade record list, NO to return to the grade record list without saving the changes, or CANCEL to editing the Grade.

## Edit-Group Record

Group records are used to form smaller groups within a department. Group records are edited in the Master Editor, and assigned to PLUs through their identification number (1-500). Once a group record is assigned to a PLU in a department, that group record can be used for another PLU within that same department, but can *not* be assigned to a PLU in any other department. To edit a Group Record, touch EDIT followed by GROUP RECORD to display a list of the group records for the department selected and uncommitted groups.

DEPT. 0 GROUPS		QUIT
NO.	TEXT	
01		
02		
03		
04		
05		
06		▼
07		
08		▼
09		

Figure 2-19: Group Records Selection List for editing

From the list, use the paging keys to find the desired group line and touch it to select. A message will appear with the group number and three options. Touch CANCEL to return to the group record list, DELETE to delete the text for the chosen group number, or EDIT to edit the group record text through the alphanumeric keyboard.

When editing text from the alphanumeric keyboard, key in the desired text (one line of up to 12 characters) and touch ENTER. A **SAVE CHANGES** prompt will appear. Touch YES to save the text and return to the group record list, NO to return to the group record list without saving the changes, or CANCEL to return to the alphanumeric keyboard.

## Edit PLU Accumulators

PLU accumulators keep track of the transactions (including weight, value, count, and run) for the different accumulator types. To edit the accumulators, touch EDIT followed by **PLU ACCUMULATORS** to display the numeric keyboard for the entry of a PLU number. Enter a PLU number through the numeric keyboard or choose from the list. The PLU Accumulator Edit screen will appear.

PLU NUMBER:	1	REWRAP cnt:	1	QUIT
AUTO wgt:	159.06	REWRAP run:	1	
AUTO val:	316.39	COMBINA wgt:	0.00	CLEAR ALL
AUTO cnt:	143	COMBINA val:	0.00	
AUTO run:	47	COMBINA cnt:	0	
MANUAL wgt:	0.00	COMBINA run:	0	
MANUAL val:	0.00	INVENTO wgt:	0.00	
MANUAL cnt:	0	INVENTO val:	0.00	
MANUAL run:	0	INVENTO cnt:	0	
REWRAP wgt:	1.11			
REWRAP val:	2.21			

Figure 2-20: PLU Accumulator Edit Screen

Touch CLEAR ALL to clear all of the accumulators for that PLU (after confirmation). To edit one accumulator, touch that accumulator and make the changes through the numeric keyboard. (The PLU number is there for reference only and can not be changed). When finished making changes, touch QUIT. A **SAVE CHANGES** prompt will appear. Touch YES to save changes and exit, NO to exit without saving, or CANCEL to continue editing.

# 3

## Quick Menu

This chapter covers functions found under the Quick Menu. This section is used to make quick changes to the individual fields of active PLU records. To change a field, touch QUICK followed by the item you want to change. Enter the PLU number through the numeric keyboard or choose from the list. If there is no active PLU for the number you entered, the **PLU NOT FOUND** message will be displayed, otherwise a numeric keyboard requesting the new value (with the PLU number for reference) is presented. From this keyboard, touching EDIT will take you to the PLU Edit Screen where all of the fields can be edited.

Quick changes will not affect Price Change Only Pending PLUs sent from a host.

Edit	Quick	Print	Report	Clear	copY	conFig	QUIT ESC
	price changes						
	Nf number changes						
	Tare changes						
	Shelf life changes						
	Use by changes						
	grOup number changes						
	Action number changes						
	iteM number changes						
	teXt number changes						
Master	Grade number changes			Ver: 4.00	C145237R	Date: 09/09/99	

Figure 3-1: Master Editor Screen Quick Menu



# 4

## Print Menu

This chapter covers functions found under the Print Menu.

Edit	Quick	Print	Report	Clear	copY	conFig	QUIT ESC
		pLU record(s)					
		teXt record(s)					
		Nutrition fact record(s)					
		graphics Image record(s)					
		Action code listing					
		Grade listing					
		Memory usage					
Master access    Current Dept: 0    Ver: 4.00    C145237R    Date: 09/09/99							

Figure 4-1 Master Editor Screen Print Menu

## Print-PLU Records

PRINT PLU RECORD(S)			
SELECTION			
start:	1	stop:	20
			All
active	pending	Both	
Dept:	0	Group:	0
		Store	
SORTING			
PLU number	Item number	PLU description	raw
print	long	Cancel	

Figure 4-2: Print PLU Record Screen

The PLU records can be printed on an optional 8845 or compatible line printer. They can not be viewed on the screen. To print PLU records, touch PRINT followed by PLU RECORD(S) to display the Print PLUs Selection Screen. Select the options on the screen, then touch PRINT or CANCEL to return to the Master Editor Menu. The selections are described below.

### Start/Stop/All

Touch START or STOP to enter the beginning and ending PLU range. Touch ALL to select all of the PLUs.

### Active/Pending/Both

Touch ACTIVE to print only the active PLU records, PENDING to print only the pending PLU records, or BOTH to print both the active and pending records. If *pending* or *both* is selected, the regular pending and PCO (Price Change Only) pending PLUs will print.

## Dept/Group/Store

Touch DEPT to select a department, GROUP to select a group, or STORE to select all the records in the store. Note: Only the PLUs within the specified range will print.

## Sorting

Touch PLU NUMBER to sort the PLU records by PLU number, ITEM NUMBER to sort by item number, PLU DESCRIPTION to sort alphabetically by description, or RAW to print the data without sorting.

## Select Short or Long Format

Touch the SHORT / LONG key to toggle between short and long format. Short format includes the PLU and one line of description, while Long format includes all of the PLU information. The short format will print PLU/Item number, price information, effective time/date only on PCO (Price Change Only) pending PLUs. Examples of both short and long reports follow.

**Print PLUs Setup:**

**Range:** 1-20, **Type:** Both, **Domain:** Dept. 0, **Sort:** PLU Number, **Format:** Short

METTLER TOLEDO  
1900 POLARIS PARKWAY  
COLUMBUS, OHIO

Department Number: 00 -MEATS

Date: 01/19/01  
Time: 14:51:37

ACTIVE AND PENDING PLU'S SORTED BY PLU NUMBER

PLU #	DEPT.	ITEM #	DESCRIPTION
1	00	0000001436	BEEF ROUND
2	00	0000001439	BEEF ROUND STEAK
2	00	0000001439	BEEF ROUND STEAK
2	00	0000001439	BEEF ROUND STEAK
3	00	0000001443	BEEF ROUND
4	00	0000001801	BEEF ROUND CROSS
5	00	0000001464	BEEF ROUND
6	00	0000001475	BEEF ROUND TOP ROUND ROAST BNLS
7	00	0000001487	BEEF ROUND BOTTOM ROUND ROAST
8	00	0000001500	BEEF ROUND EYE OF ROUND ROAST
9	00	0000001485	BEEF RUMP ROAST BONE IN
10	00	0000001460	BEEF ROUND HEEL OF ROUND ROAST
11	00	0000001206	BEEF RIB EYE ROAST BONELESS
12	00	0000001210	BEEF RIB EYE STEAK THIN CUT
13	00	0000001234	BEEF SHORT RIBS BONELESS
14	00	0000001093	BEEF CHUCK SEMI-BONELESS STEAK
15	00	0000001637	HI-PRO GROUND BEEF MIX NOT LESS
17	00	0000001673	GROUND BEEF PATTIES NOT LESS
18	00	0000011673	GROUND BEEF NOT LESS THAN 90%
19	00	0000011685	SEASONED BEEF & PORK
20	00	0000001716	BEEF STEW BONELESS

**Print PLUs Setup:**

Range: 1-20, Type: Both, Domain: Dept. 0, Sort: PLU Number, Format: Long

METTLER TOLEDO  
1900 POLARIS PARKWAY  
COLUMBUS, OHIO

Department Number: 00 - DEPT NAME

Date: 07/26/01  
Time: 02:44:15 PM

ACTIVE AND PENDING PLU'S SORTED BY PLU NUMBER

PLU #	DEPT ACTION	ITEM # TEXT	DESCRIPTION NUTRIFACTS	GROUP GRAPHICS	GRADE	PRICE	TYPE	MOD	TARE1	TARE2	SHELF	EAT-BY
1	00 0	0000000001 1	DESCRIPTION 1 15 100	1	1	1.99	0	0	0.00	0.00	2	3
		DESCRIPTION 2										
2	00 0	0000000002 1	DESCRIPTION 1 14 99	0	1	3.99	1	1	0.00	0.00	2	3
		DESCRIPTION 2										
3	00 0	0000000003 1	DESCRIPTION 1 14 3	0	1	5.99	3	6	12.00	0.00	2	3
		DESCRIPTION 2										
4	00 0	0000000004 0	BASS 0 0	0	0	0.00	0	0	0.00	0.00	2	3

## Print-Text Records

Extra Text records can be printed on an 8845 or compatible line printer. They can not be viewed on the screen. To print Extra Text records, touch PRINT followed by TEXT RECORD(S) to display the Print Text Selection Screen. Select the options, then touch PRINT to print or CANCEL to return to the Master Editor Menu.

PRINT EXTRA TEXT RECORD(S)  
SELECTION  
sTart: 1 | stoP: 10 | All  
Dept: 0 | Group: 0 | Store: all  
SORTING  
extra text number | raw  
Print | Done | Cancel

**Figure 4-3: Print Text Selection Screen**

### Start/Stop/All

Touch START or STOP to enter the beginning and ending record or touch ALL to choose all of the text records.

---

## Dept/Group/Store/All

Select DEPT, GROUP, STORE, or ALL to select all the text records for the store. Note: Only the text records within the specified range will print.

---

## Sorting

Select sort by EXTRA TEXT NUMBER, or RAW to print the data without sorting.

---

## Short/Long

Touch the SHORT / LONG key to toggle between short and long report format. Short format only includes the first line of text, while the Long format includes all of text. Examples of both long and short reports follow.

**Print Extra Text Setup:**

**Range:** 1-10, **Domain:** Dept. 0, **Sort:** Extra Text Number, **Format:** Short

METTLER TOLEDO  
1900 POLARIS PARKWAY  
COLUMBUS, OHIO

Department Number: 00 -- MEATS

Date: 01/19/01  
Time: 14:54:22

EXTRA TEXT'S SORTED BY EXTRA TEXT NUMBER

TEXT NUMBER TEXT

2	HOT ROAST BEEF SUBS: COMBINE 1/2 CUP SOUR
4	SUPER LAMB CHOP SUPPER
5	HEARTY ROAST BEEF: TO MAKE A DELICIOUS
6	COOKING IN LIQUID: COAT MEAT WITH
7	PRE-PACKED FRESH MEAT FROM A SELF SERVICE
8	PREHEAT TO 325 DEG. BAKE 20 TO 25 MINUTES
9	RUB 1 3 LB. EYE OF THE ROUND ROAST WITH A
10	BROWN IN HEAVY KETTLE, DRAIN OFF DRIPPINGS

**Print Extra Text Setup:**

**Range:** 1-10, **Domain:** Dept. 0, **Sort:** Extra Text Number, **Format:** Long

METTLER TOLEDO  
1900 POLARIS PARKWAY  
COLUMBUS, OHIO

Department Number: 00 -- MEATS

Date: 01/19/01  
Time: 15:01:50

EXTRA TEXT'S SORTED BY EXTRA TEXT NUMBER

TEXT NUMBER TEXT

2 HOT ROAST BEEF SUBS: COMBINE 1/2 CUP SOUR CREAM. 1 TBSP. HORSERADISH, & 1 1/2 TSP. SALAD SUPREMEM SPREAD GENEROUS AMOUNT ON SUB ROLLS & TOP WITH SLICED ROAST BEEF. WRAP IN FOIL & HEAT IN 400' OVEN 10 MIN.

4 SUPER LAMB CHOP SUPPER

4 LAMB CHOPS (ABOUT 2-1/2 LBS.)  
1 TBSP. OLIVE OIL  
1 CLOVE GARLIC, MINCED  
1 (14-1/2 OUNCE) CAN STEWED TOMATOES  
1 ONION, PEELED AND THINLY SLICED  
1/4 LB. MUSHROOMS, CLEANED AND SLICED

TRIM ANY FAT FROM LAMB CHOPS. HEAT OIL AND GARLIC IN SKILLET; ADD LAMB CHOPS. WASH HANDS AFTER HANDLING RAW MEAT. BROWN LAMB CHOPS ON EACH SIDE; ADD STEWED TOMATOES, ONION AND MUSHROOMS TO SKILLET. COVER AND SIMMER 20 TO 30 MINUTES. COVER AND REFRIGERATE LEFTOVERS PROMPTLY. SERVES 4.  
PER TRIMMED SERVING: APPROXIMATELY 360 CALORIES, 35 G. PROTEIN, 20 G. FAT, 10 G. CARBOHYDRATE, 380 MG. SODIUM AND 120 MG. CHOLESTEROL

5 WINE SUGGESTION: CABERNET SAUVIGNON  
HEARTY ROST BEEF: TO MAKE A DELICIOUS ROAST BEEF, JUST RUB THE ROAST WITH A MIXTURE OF 1/2 TSP. PEPPERMILL GRIND BLACK PEPPER & 1/2 TSP. DRY MUSTARD. SALT TO TASTE. ROAST IN OVEN AS USUAL.

6 COOKING IN LIQUID: COAT MEAT WITH SEASONED FLOUR IF DESIRED. BROWN ALL SIDES IN OIL. COVER MEAT WITH LIQUID. COVER PAN TIGHTLY SIMMER UNTIL TENDER. ADD VEGETABLES TO YOUR LIKING.

7 PRE-PACKED FRESH MEAT FROM A SELF SERVICE COUNTER CAN BE STORED, UNOPENED, IN THE REFRIGERATOR FOR 2 TO 4 DAYS.

8 PREHEAT TO 325 DEG. BAKE 20 TO 25 MINUTES PER LB. ADD SMALL AMOUNT OF WATER IF DESIRED. COVER AND BAKE.

9 RUB 1 3 LB. EYE OF THE ROUND ROAST WITH A MIXTURE OF 1 1/2 TSP. BROILED STEAK SEASONING & 1/2 TSP. GARLIC POWDER. ROAST IN 350 DEG. OVEN FOR 20 TO 22 MINUTES PER LB. LET STAND 10 MINUTES BEFORE CARVING.

10 BROWN IN HEAVY KETTLE, DRAIN OFF DRIPPINGS PUT MEAT ON RACK & ADD 2 2/3 CUP WATER OR BROTH. COVER & SIMMER FOR 1 HOUR.

## Print-Nutrition Facts Records

The Nutrition Facts records are printed on an 8845 or compatible line printer, and can not be viewed on the screen. To print Nutrition Facts records, touch PRINT followed by NUTRITION FACT RECORD(S) to display the Print Nutrition Facts Selection screen. Select the various option, then touch PRINT to print or CANCEL to return to the Master Editor Menu.

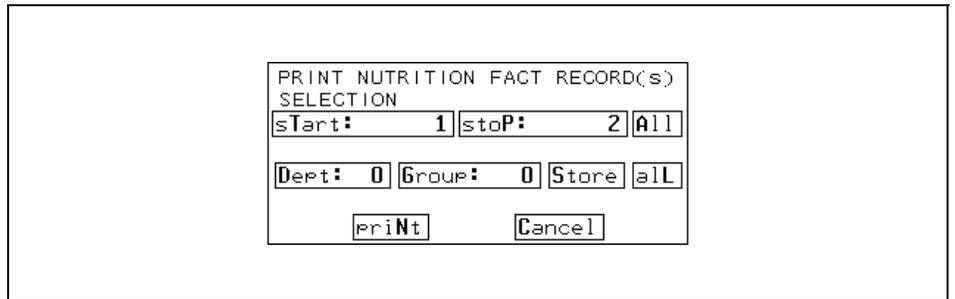


Figure 4-4: Print Nutrition Facts Selection Screen

---

### Start/Stop/All

Touch START or STOP to enter the beginning or ending number or touch ALL to choose all of the Nutrition Fact records within the specified domain.

---

### Dept/Group/Store/All

Touch DEPT to select Nutrition Facts records from a specified department , GROUP to select the Nutrition Facts records from a specified group, or STORE or ALL to select all the Nutrition Facts records for the store. Note: Only the Nutrition Facts records within the specified range will print.

**Print Nutrition Facts Setup:**

Range: 1-2, Domain: Dept. 0

Department Number: 00 - MEATS

Date: 01/19/01  
Time: 14:54:22

**NUTRITION FACTS**

**NF NUMBER**

1 Nutrition Facts Record

**NUTRITIONAL FACTS PER SERVING**

**SERVING SIZE:**

SERVING SIZE..... 5oz  
SERVING SIZE..... 140g  
SERVINGS PER CONTAINER...COMPUTED  
CALORIES.....50

NUMBER OF LABELS: 2  
ORDERING: PLU/NF  
BATCH MODE: ALTERNATE  
TEMPLATE: STANDARD VERTICAL

CALORIES FROM FAT.....25  
CALORIES FROM SAT FAT.....25  
TOTAL FAT..... 15.0g  
TOTAL FAT..... 23%  
SATURATED FAT.....10.0g  
SATURATED FAT..... 50%  
POLYUNSATURATED FAT.....  
MONOUNSATURATED FAT.....  
CHOLESTEROL..... 45mg  
CHOLESTEROL..... 50%  
SODIUM..... 30mg  
SODIUM..... 1%  
POTASSIUM.....  
POTASSIUM.....  
TOTAL CARBOHYDRATES..... 17g

TOTAL CARBOHYDRATES..... 6%  
DIETARY FIBER..... 9g  
DIETARY FIBER..... 36%  
SOLUBLE FIBER.....  
INSOLUBLE FIBER.....  
SUGAR..... 8g  
SUGAR ALCOHOL.....  
OTHER CARBOHYDRATES.....  
PROTEIN..... 3g  
PROTEIN..... 6%  
VITAMIN A..... 10%  
BETA CAROTENE.....  
VITAMIN C..... 2%  
CALCIUM..... 50%  
IRON..... 10%

VITAMIN D..... 25%  
VITAMIN E.....  
THIAMIN.....  
RIBOFLAVIN.....  
NIACIN.....  
VITAMIN B6.....  
FOLATE.....  
VITAMIN B12..... 10%  
BIOTIN.....  
PANTOTHENTIC ACID.....  
PHOSPHORUS.....  
IODINE.....  
MAGNESIUM.....  
ZINC.....  
COPPER.....

2 Nutrition Facts Record

**NUTRITIONAL FACTS PER SERVING**

**SERVING SIZE:**

SERVING SIZE..... 6oz  
SERVING SIZE..... 168g  
SERVINGS PER CONTAINER...COMPUTED  
CALORIES.....20

NUMBER OF LABELS: 2  
ORDERING: PLU/NF  
BATCH MODE: ALTERNATE  
TEMPLATE: SIMPLIFIED VERTICAL

CALORIES FROM FAT..... 8  
CALORIES FROM SAT FAT..... 5  
TOTAL FAT.....10.0g  
TOTAL FAT..... 15%  
SATURATED FAT..... 0.0g  
SATURATED FAT.....  
POLYUNSATURATED FAT.....  
MONOUNSATURATED FAT.....  
CHOLESTEROL..... 0mg  
CHOLESTEROL..... 0%  
SODIUM..... 0mg  
SODIUM..... 0%  
POTASSIUM.....  
POTASSIUM.....  
TOTAL CARBOHYDRATES..... 14g

TOTAL CARBOHYDRATES..... 5%  
DIETARY FIBER..... 0g  
DIETARY FIBER..... 0%  
SOLUBLE FIBER.....  
INSOLUBLE FIBER.....  
SUGAR..... 0g  
SUGAR ALCOHOL.....  
OTHER CARBOHYDRATES.....  
PROTEIN..... 6g  
PROTEIN..... 12%  
VITAMIN A..... 1%  
BETA CAROTENE..... 3%  
VITAMIN C..... 2%  
CALCIUM..... 10%  
IRON..... 0%

VITAMIN D..... 10%  
VITAMIN E.....  
THIAMIN.....  
RIBOFLAVIN.....  
NIACIN.....  
VITAMIN B6.....  
FOLATE.....  
VITAMIN B12..... 15%  
BIOTIN.....  
PANTOTHENTIC ACID.....  
PHOSPHORUS.....  
IODINE.....  
MAGNESIUM.....  
ZINC.....  
COPPER.....

## Print-Graphics Image Records

The Graphics Images can be printed on an optional 8845 or compatible line printer. They can not be viewed on the screen. To print Graphics Images, touch PRINT followed by GRAPHICS IMAGE RECORD(S) to display the Print Graphics Images Selection screen. Select the various options, then touch PRINT, or CANCEL to return to the Master Editor Menu.

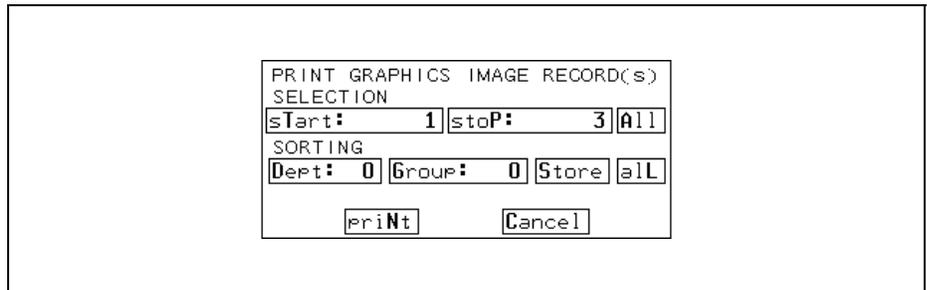


Figure 4-5: Print Graphics Images Selection Screen

---

### Start/Stop/All

Touch START or STOP to enter the beginning and ending record, or touch ALL to choose all of the Graphics Images within the specified domain.

---

### Dept/Group/Store/All

Touch DEPT to select Graphics Images from a specified department, GROUP to select Graphics Images from a specified group, or STORE or ALL to select all the Graphics Images for the store. Note: Only the Graphics Images within the specified range will print.

## Print-Action Code Listing

The Action Code Listing is printed on an 8845 or compatible line printer. To print the Action Code Listing, touch PRINT followed by ACTION CODE LISTING. A **Please Wait Processing . . .** message will display followed by the first page of the Action Code List with options. Touch RETURN to return to the Master Editor Menu, PAGE UP and PAGE DOWN to look at different pages of the list, or PRINT to print the list. The first part of a sample printout follows. (Normally all 50 action codes would be printed.)

```
METTLER TOLEDO
1900 POLARIS PARKWAY
COLUMBUS, OHIO

Date: 01/19/01
Time: 15:09:29

ACTION CODES

ACT CODE TYPE      -----TEXT-----
00 Unused Code
01 Marquee Text    Thank you for shopping with us.
02 Marquee Text    Special today on all DELI items - 10% off!!
03 Override Addr   STORE LOCATION #33          Columbus, Ohio
04 Override PLU's Desc Ground Chuck          Family Pack - Special
05 Unused Code
06 Marquee Text    Today is Wednesday, January 19th. Enjoy your shopping!
07 Unused Code
08 Unused Code
09 Unused Code
10 Unused Code
11 Unused Code
12 Unused Code
13 Unused Code
14 Unused Code
15 Unused Code
16 Unused Code
17 Unused Code
18 Unused Code
19 Unused Code
20 Unused Code
```

## Print-Grade Listing

To print the Grade Listing, touch PRINT followed by GRADE LISTING. A **Please Wait Processing** . . message will display followed by the first page of the Grade List with options. Touch RETURN to return to the Master Editor Menu, PAGE UP and PAGE DOWN to look at different pages of the list, or PRINT to print the list. A sample printout follows:

```
METTLER TOLEDO
1900 POLARIS PARKWAY
COLUMBUS, OHIO

Date: 01/19/01
Time: 15:14:09

GRADE TABLE

GRADE NUMBER -----GRADE TEXT-----
01 HALF OFF!!!
02 SAVE $1.00
03 Free milk with purchase
04 Buy one, get one FREE!
05 10% off marked price
06
07
08
09
10
11
12
13
14
15
16
```

## Print-Memory Usage

The Memory Usage is printed on an 8845 or compatible line printer. To print the Memory Usage, touch PRINT followed by MEMORY USAGE. A **Please Wait Processing . .** message will display followed by the first page of the Memory Usage with options. Touch RETURN to return to the Master Editor Menu, PAGE UP and PAGE DOWN to look at different pages of the printout, or PRINT to print. The count of pending PLUs will include regular and Price Change Only pending PLUs. A sample printout follows.

Reference: A PLU record is 223 bytes.  
A Nutrition Facts record is 383 bytes.  
A Graphics record can be up to 29,920 pixels or 3240 bytes.  
An Extra Text record can be up to 3240 bytes.

METTLER TOLEDO 1900 POLARIS PARKWAY COLUMBUS, OHIO			
Date: 01/19/01 Time: 15:16:16			
MEMORY USAGE			
<u>DEPARTMENT:</u>	<u>ACTIVE PLU'S</u>	<u>PENDING PLU'S</u>	<u>OBSOLETE PLU'S</u>
00 -	54	7	7
01 -	148	0	0
02 -	49	0	0
03 -	50	0	0
04 -	757	0	0
05 -	50	0	0
06 -	525	0	0
07 -	261	0	0
08 -	0	0	0
09 -	104	0	0
10 -	0	0	0
11 -	0	0	0
12 -	0	0	0
13 -	0	0	0
14 -	0	0	0
15 -	0	0	0
16 -	0	0	0
17 -	0	0	0
18 -	0	0	0
19 -	0	0	0
20 -	0	0	0
21 -	0	0	0
22 -	0	0	0
23 -	0	0	0
24 -	0	0	0
25 -	0	0	0
26 -	0	0	0
27 -	0	0	0
28 -	0	0	0
29 -	0	0	0
<hr/>			
TOTALS:	1998	7	7
ET/NF/Graph: 194 Records, (112238 Bytes)			
MEMORY LEFT: 488980 Bytes			



# 5

## Reports

This chapter covers functions under the Report Menu.

Edit	Quick	Print	Report	Clear	copY	conFig	QUIT ESC
			pLu totals				
			Group-store-dept. totals				
			prOduction items				
			operaTor totals				
			Hourly production items				
			Department voids				
			oBsolete totals				
			cUlting tests				
Master access    Current Dept: 0    Ver: 4.00    C145237R    Date: 09/09/99							

Figure 5-1: Master Editor Screen Report Menu

## PLU Totals Reports

The PLU Totals reports can be viewed on the screen or printed on an 8845 or compatible line printer. These reports contain the weight, value, count, and number of runs for the selected accumulators that correspond to the chosen PLU Record. To print PLU Totals reports, touch REPORT followed by PLU TOTALS to display the PLU Totals Report Selection screen.

Select the options, then touch CANCEL to return to the Master Editor Menu, PRINT to print the report, or DISPLAY to view PLU reports on the screen. From the displayed screen, touch RETURN to return to the Master Editor Menu or PRINT to print the report. A sample (displayed) report is shown following this section.

DISPLAY/PRINT PLU TOTALS  
SELECT PARAMETER

Plu number: 1    Item number: 0000000001    Dept: 0

SELECT ACCUMULATOR(S)

Figure 5-2: PLU Totals Report Selection Screen

### Select Parameter

Select either the PLU NUMBER *and* DEPT (department) or the ITEM NUMBER to determine which record's totals are to be printed by touching the appropriate key and entering the value through the numeric keyboard.

## Select Accumulators

Touch one of the accumulator names to choose which accumulators to print or touch **ALL** to select all of the accumulators for the chosen PLU record.

ITEM NUMBER	PLU NUMBER	DESCRIPTION	ACCUMULATOR	WEIGHT(Lb)	VALUE(\$)	COUNT	RUN(S)
0000000001		DESCRIPTION	AUTO	152.06	316.32	143	47
0000000001		DESCRIPTION	MANUAL	0.00	0.00	0	0
0000000001		DESCRIPTION	REWRAP	1.11	2.21	0	0
0000000001		DESCRIPTION	COMBINATION	0.00	0.00	0	0
0000000001		DESCRIPTION	INVENTORY	0.00	0.00	0	0

PRINT
RETURN

Figure 5-3: PLU Totals Report (display)

## Group-Store-Dept Totals Reports

The Group-Store-Dept Totals reports can be viewed on the screen or printed on an 8845 or compatible line printer. These reports will print the total weight, %weight total, value, %value total, count, and number of runs for the items in a Group, Store, or Department for the selected accumulator. To print Group-Store-Dept Totals reports, touch REPORT followed by GROUP-STORE-DEPT. TOTALS to display the Group-Store-Dept. Totals Report Selection Screen. After selecting the desired options, touch CANCEL to return to the Master Editor Menu, PRINT to print the report, or DISPLAY to view the report on the screen. From the displayed screen, touch PAGE UP or PAGE DOWN to view different pages of the report (when available), RETURN to return to the Master Editor Menu, or PRINT to print the report. A sample (displayed) report is shown following this section.

DISPLAY/PRINT GROUP, DEPARTMENT, OR STORE TOTALS

SELECT GROUP TYPE

Store    Dept: 0    Group: 0

SELECT ACCUMULATOR

AUTO     MANUAL     REWRAP     COMBINATION     INVENTORY

SORTING

Plu number     iTem number     PLu description  
 Value     weisHt     cOunt     rUnS     raW

Figure 5-4: Group-Department-Store Report Selection Screen

## Select Group Type

Touch STORE to retrieve all the records from a store, DEPT. to specify a department, or GROUP to specify a group. Only the records within the selected group and accumulator will display.

---

## Select Accumulators

Touch one of the accumulator names to choose which accumulators' records will be displayed. Only the records within the selected group and accumulator will display.

---

## Select Sorting Order

Touch the desired sorting order for the report. (Touching RAW will leave the data in the order it is stored in the database.)

ITEM NUMBER	PLU NUMBER	DESC.	WGT	%WGT TOT	VALUE	%VALUE TOT	COUNT	RUN(S)
00000000100	100	BEEF	L01 57.87	2.83	248.02	2.75	80	23
00000000101	101	BEEF	L01 14.46	0.71	105.39	3.31	13	3
00000000102	102	BEEF	L01 6.66	0.33	24.39	0.77	6	3
00000000103	103	BEEF	L01 1.11	0.05	5.93	0.17	1	1
00000000104	104	BEEF	L01 1.26	0.06	6.33	0.22	3	1
00000000105	105	BEEF	L01 0.00	0.00	0.00	0.00	0	0
00000000106	106	BEEF	L01 0.00	0.00	0.00	0.00	0	0
00000000107	107	BEEF	L01 0.00	0.00	0.00	0.00	0	0
00000000108	108	BEEF	L01 4.40	0.22	30.76	0.97	4	2

**Figure 5-5: Group-Store-Dept Totals Report (display)**

---

## Operator Totals Report

Operator totals will record up to 30 operators per department, which are defined by a 4-digit number and a name. The definition of operator names and numbers, accumulation, and reporting takes place in the master. The satellite must have operator totals enabled in order to send the data to the master. The Operator Totals Report will list each operator and the totals accumulated for each operator.

---

## Production Items Report

The Production Items reports can be viewed on the screen or printed on an 8845 or compatible line printer. These reports will print the total weight, value, count, and number of runs for the items in a Group, Department, or Store for the selected accumulator within the defined value and weight limits in ascending order by weight. To print Production Items reports, touch REPORT followed by PRODUCTION ITEMS to display the Production Items Report Selection Screen.

Select the various options, then touch CANCEL to return to the Master Editor Menu, PRINT to print the report, or DISPLAY to view the report on the screen. From the displayed screen, touch PAGE UP or PAGE DOWN to view different pages of the report (when available), RETURN to return to the Master Editor Menu, or PRINT to print the report. A sample (displayed) report is shown following.

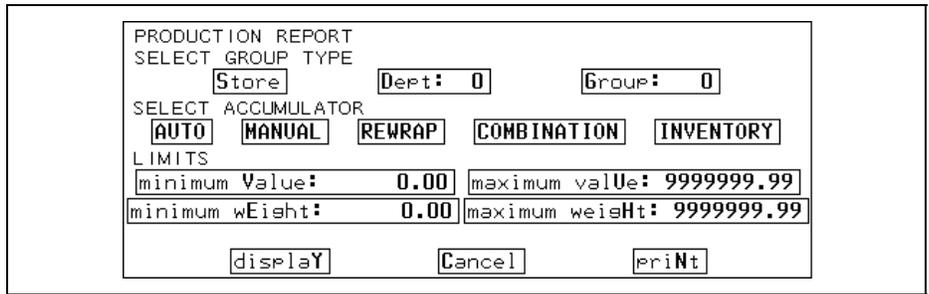


Figure 5-6: Production Items Report Selection Screen

---

## Select Group Type

Touch STORE to retrieve all the records from a store, DEPT to specify a department, or GROUP to specify a group. Only the records within the selected group and accumulator with values and weight within the limits will display.

---

## Select Accumulators

Touch one of the accumulator names to choose which accumulators' records will be displayed. Only the records within the selected group and accumulator with values and weight within the limits will display.

---

## Select Limits

Specify the Value and/or Weight limits by touching the appropriate key and entering the value through the numeric keyboard. Both sets of limits will be applied to the data. The scale will not allow you to enter a maximum value lower than the current minimum or a minimum value higher than the current maximum. Only the records within the selected group and accumulator with values and weight within the limits will display.



Figure 5-7: Production Items Report (display)



## Department Voids Report

The Department Voids Report can be viewed on the screen or printed on an 8845 or compatible line printer. The report prints the total value, total weight, total count and total runs for the voided items by department. To print the Department Voids report, touch REPORT followed by DEPARTMENT VOIDS to display the Department Voids report (see below). From the displayed screen, touch PAGE UP or PAGE DOWN to view different pages of the report, RETURN to return to the Master Editor Menu, or PRINT to print the report.

DEPARTMENT NUMBER	DEPARTMENT NAME	TOTAL VALUE	TOTAL WEIGHT	TOTAL COUNT	TOTAL RUNS
1		0.00	0.00	0	0
2		0.00	0.00	0	0
3		0.00	0.00	0	0
4		0.00	0.00	0	0
5		0.00	0.00	0	0
6		0.00	0.00	0	0
7		0.00	0.00	0	0
8		0.00	0.00	0	0

PRINT      RETURN      PAGE DOWN

Figure 5-10: Department Voids Report (display)

## Obsolete Totals Report

The Obsolete Totals report can be viewed on the screen or printed on an 8845 or compatible line printer. This report will print the Item Number, PLU Number, Department, Description, Accum Weight, Value in \$, Count Run(s) and effective date hour for a selected store department or group sorted by PLU number or item number. To print the Obsolete Totals, touch REPORT followed by OBSOLETE TOTALS to display the Obsolete Totals Report Selection Screen.

```

DISPLAY/PRINT OBSOLETE PLU TOTALS
SELECT GROUP TYPE
Store Dept: 0 Group: 0
SORTING
Plu number iTem number
display Cancel print
  
```

Figure 5-11: Obsolete Totals Report Selection Screen

Select the various options, then touch CANCEL to return to the Master Editor Menu, PRINT to print the report, or DISPLAY to view the report on the screen. From the displayed screen, touch PAGE UP or PAGE DOWN to view different pages of the report, RETURN to return to the Master Editor Menu, or PRINT to print the report.

ITEM NO	PLU NO	DEPT	DESCRIPTION	ACCUM WEIGHT(1b)	VALUE(\$)	COUNT RUN(S)	EFF DATE HR
<div style="display: flex; justify-content: space-around;"> <span>PRINT</span> <span>RETURN</span> </div>							

Figure 5-12: Obsolete Totals Report (displayed)

---

### Select Group Type

Touch STORE to retrieve all the obsolete totals records from a store, DEPT to specify a department, or GROUP to specify a group through the numeric keyboard. Only the records within the selected group will display.

---

### Select Sorting Order

Touch the desired sorting order (by PLU or item number) for the report.

## Cutting Test Report

The Cutting Test Report can be printed on the line printer using data collected from the 8305, 8360, and 8361 satellites. Refer to the specific satellite operator manual for instructions on running cutting tests.

The cutting test report does not display on the screen but goes only to an 8845 or compatible line printer. To print, touch REPORT, then CUTTING TESTS. A numeric keyboard prompting for a satellite number will be displayed. Upon entry of a valid satellite number, the report will be sent to the printer.

DEPT PLU ITEM			DESCRIPTION	WEIGHT	% OF TOTAL	UNIT PRICE	TOTAL RETAIL DOLLAR
NO	NO	NO					
01-14-97			METTLER TOLEDO				
09:37:00			CUTTING TEST REPORT				
SCALE ADDRESS: 20							
SCALE I.D. #: 06			TEST START DATE: 01-17-00				
PRODUCT NUMBER: 000140			TEST START TIME: 08:31				
PRODUCT WEIGHT: 101.50			TEST END DATE: 01-17-00				
			TEST END TIME: 10:31				
4	0101	001175	BEEF RIB LARGE END ROAST	41.85	41.23	3.59	150.23
4	0102	001194	BEEF RIB SMALL END STEAK	33.88	33.38	3.89	131.78
4	0103	001717	BEEF CUBE STEAK	3.97	3.91	2.89	11.47
4	2997	002997	TRIMMINGS	2.00	1.97	1.29	2.58
SALEABLE YIELD:				81.70	80.49		
4	2998	002998	BONE	4.00	3.94	0.00	0.00
4	2999	002999	FAT	8.00	7.88	0.00	0.00
CUT LOSS/SHRINK:				7.80	7.68		
TOTAL:				101.50			296.06
COST:				GROSS MARGIN:			
TOTAL INVOICED COST \$:			193.50	TOTAL \$:		102.56	
INVOICED COST PER LB:			1.91	PROFIT PER LB:		1.01	
SALEABLE YIELD COST/LB:			2.37	TOTAL G.GM %:		34.64	

# 6

## Clear

This chapter covers functions found under the Clear Menu.

Edit	Quick	Print	Report	Clear	copY	conFig	QUIT ESC
				All accum. by department			
				plu accumulators			
				Hourly accum. by department			
				Void accum. by department			
				Operator accum.			
				pLu records			
				eXtra text records			
				Nutrition facts record(s)			
				graphics Image record(s)			
				coMpress memory			
Master access		Current Dept: 0				09/09/99	

Figure 6-1: Clear Menu

### Clear-All Accumulators By Department

To clear all of the accumulators in the current department, touch CLEAR followed by ALL ACCUM. BY DEPARTMENT to display a confirmation screen. From the confirmation screen, touch YES to clear the accumulators and return to the Master Editor Menu or NO to return to the Master Editor Menu without clearing.

### Clear-PLU Accumulators

To clear the PLU accumulators in the current department or by group, touch CLEAR followed by PLU ACCUMULATORS to display a confirmation screen. Select either BY DEPARTMENT or BY GROUP. From the confirmation screen, touch YES to clear the accumulators and return to the Master Editor Menu or NO to return to the Master Editor Menu without clearing.

### Clear-Hourly Accumulators By Department

To clear the hourly accumulators in the current department, touch CLEAR followed by HOURLY ACCUM. BY DEPARTMENT to display a confirmation screen. From the confirmation screen, touch YES to clear the hourly accumulators and return to the Master Editor Menu or NO to return to the Master Editor Menu without clearing.

## Clear-Void Accumulators By Department

To clear the void accumulators in the current department, touch CLEAR followed by VOID ACCUM. BY DEPARTMENT to display a confirmation screen. From the confirmation screen, touch YES to clear the void accumulators and return to the Master Editor Menu or NO to return to the Master Editor Menu without clearing.

---

## Clear-Operator Accumulators

To clear operator accumulators for a specified operator within the current department, touch Clear followed by OPERATOR ACCUM.. Enter the desired operator number through the displayed numeric keyboard. A **PLEASE WAIT** message will appear, followed by a confirmation screen. From the confirmation screen, touch YES to clear the accumulators or NO to return to the numeric keyboard without clearing. Note: If the operator number does not exist, you will receive a **OPERATOR NUMBER NOT FOUND** message. Touch the screen and select a new operator.

---

## Clear-PLU Records

To delete all PLU records for the current department or a specified group, touch CLEAR followed by PLU RECORDS. A **DELETE PLU TYPES** message will appear with five options. Touch CANCEL to return to the Master Editor Menu, ALL to delete all PLU records (after confirmation), or ACTIVE to delete all active PLU records (after confirmation), PENDING to delete all regular pending PLU and PCO pending records, or OBSOLETE to delete all obsolete PLU records. After selecting a PLU type, select to delete BY DEPARTMENT or BY GROUP, then and enter the department or group number. From the confirmation screen, touch YES to delete the PLU records and return to the **DELETE PLU TYPES** message or NO to return to the message without deleting.

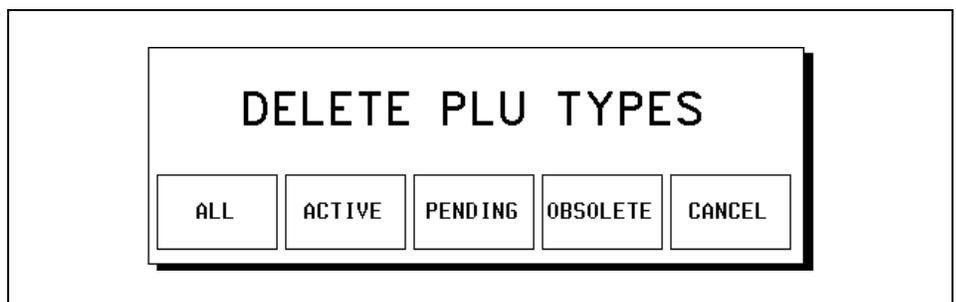


Figure 6-2: Confirmation Screen for Deleting PLU Records

---

## Clear Extra-Text Records

To delete all of the Extra Text records, touch CLEAR followed by EXTRA TEXT RECORDS to display a confirmation screen. From the confirmation screen, touch YES to delete all of the Extra Text records and return to the Master Editor Menu or NO to return to the Master Editor Menu without deleting.

---

## Clear-Nutrition Facts Records

To delete all of the Nutrition Facts records, touch CLEAR followed by NUTRITION FACTS RECORD(S) to display a confirmation screen. From the confirmation screen, touch YES to delete all of the Nutrition Facts records and return to the Master Editor Menu or NO to return to the Master Editor Menu without deleting.

---

## Clear-Graphics Image Records

To delete all of the Graphics Images records, touch CLEAR followed by GRAPHICS IMAGE RECORD(S) to display a confirmation screen. From the confirmation screen, touch YES to delete all of the Graphics Images records and return to the Master Editor Menu or NO to return to the Master Editor Menu without deleting.

---

## Compress Memory

Note: The STEM will automatically compress memory every day at 1:45 AM. The TNET Master will automatically compress memory every day at 4:00 AM.

To Compress the Memory, touch CLEAR followed by COMPRESS MEMORY to display a **WARNING: COMPRESS MEMORY TAKES TIME AND MAY AFFECT OTHER USERS! CONTINUE?** message. Touch YES to Compress the Memory or NO to exit to the Master Editor Menu.

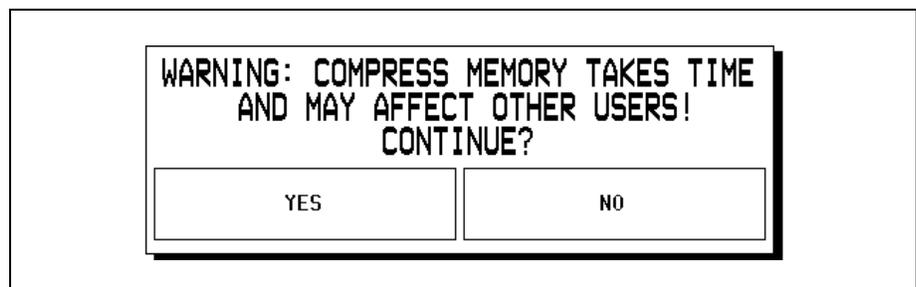


Figure 6-3: Compress Memory Confirmation Screen



# 7

## Copy

The COPY menu option was included for future use but is not utilized in the present **SmartTouch**<sup>®</sup> Master. It will not highlight when touched.



# 8

## Configure

This chapter covers functions under the Config Menu.

Edit	Quick	Print	Report	Clear	copy	conFig	QUIT ESC
					pLU record defaults		
					pAsswords		
					Store / department info.		
					Department number		
					auTo confiaure rate		
					Master peripherals		
					DataBase diaanostics		
					setUp master		
					Initialize ram		
Master access					Current Dept: 0		
					Ver: 4.00		
					C145237R		
					Date: 09/09/99		

Figure 8-1: Master Editor Screen Configure Menu

## Config-PLU Record Defaults

This function is used to change the default accumulator names and set the item number duplication default. To make changes in the configuration, touch CONFIG followed by PLU RECORD DEFAULTS to present a **SELECT DEFAULT OPTION** message with three options. Touch PLU ACCUMULATOR NAMES to edit the accumulator names, ITEM NUMBER DUPLICATION to set the item number default, or CANCEL to return to the Master Editor Menu.

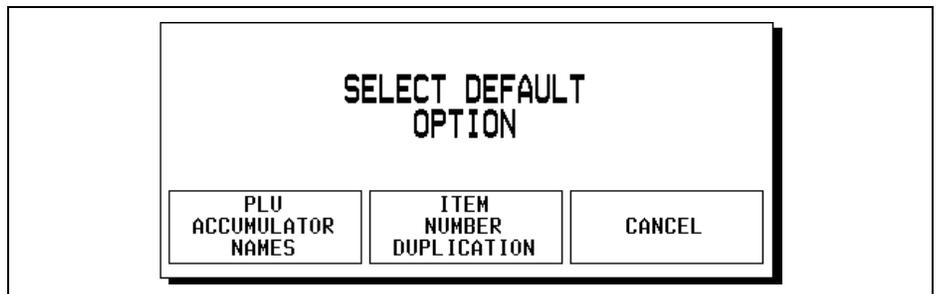


Figure 8-2: Configure PLU Record Defaults Screen

### PLU Accumulator Names

When this option is chosen, a screen is displayed with a list of the five accumulator names. Touch the accumulator you wish to edit, and make changes to the accumulator name (up to 15 characters) through the alphanumeric keyboard. Touch QUIT when you are finished editing to return to the Master Editor Menu. These names appear on the accumulator reports.

## Item Number Duplication

When this option is chosen, an **ALLOW ITEM NO. DUPLICATION** message is presented with three options. Touch YES to allow item number duplication, NO to require unique item numbers, or CANCEL to return to the Master Editor Menu without making a change. Note: If the Satellite Unit utilizes the "Call By Item Number" option for PLUs, the Item Numbers must be unique.

## Config-Passwords

This function is used to assign Master and Department passwords. To change the passwords, touch CONFIG followed by PASSWORDS to display a list of passwords. (The Master Password will be first followed by all of the department passwords.)

Use the paging keys to locate the password you wish to change and touch that line. Enter the new password (up to 4 digits) through the numeric keyboard. When finished editing passwords, touch QUIT to save the changes and return to the Master Editor Menu. Note: If the password is '0', then access to the Master Editor for that level can be gained by touching ENTER at the "Enter Password numeric keyboard" without entering a '0'.

PASSWORDS			QUIT
DEPT.	DESCRIPTION	PASSWORD	
	MASTER ACCESS	0	
0		0	
1		0	
2		0	
3		0	▼
4		0	
5		0	▼
6		0	▼

Figure 8-3: Configure Password Screen

## Config-Store / Department Info

This section is used to change the store and current department names and addresses as well as the current department barcode and the operator names. To make changes, touch CONFIG followed by STORE / DEPARTMENT INFO to display the Information Edit screen.

STORE / DEPARTMENT		INFORMATION	QUIT
0			
STORE NAME	:		
STORE ADDR1	:		
STORE ADDR2	:		
DEPT NAME	:		
DEPT ADDR1	:		▼
DEPT ADDR2	:		
DEPT UPC	:		▼
OPERATOR	0:	UNUSED OPERATOR	

Figure 8-4: Store Information Edit Screen

To edit the field, touch the corresponding line and follow the editing instructions. When you are finished editing, touch QUIT to save the changes and return to the Master Editor Menu.

### Edit Name/Address Information

To edit the store or current department Name or Address, touch the corresponding line and make the changes through the alphanumeric keyboard. The names can be up to 12 characters, while the address lines can be up to 32 characters.

### Edit Current Department Bar Code Number

To edit the UPC number, touch the **DEPT UPC** line and then enter the Bar Code number for the current department. This number can be used in place of the Item Number for some Bar Code formats, and can be up to 10 digits.

### Edit Operator Names

Operator Totals allow totals to be recorded for up to 30 operators per department. The operator numbers can be any 1 to 4-digit number from 1-9999 and do not need to be sequential. To enter new operator names, touch one of the **OPERATOR** lines and then enter the desired operator number (1-9999) through the numeric keyboard. When the alphanumeric keyboard displays, enter the operator name (up to 20 characters). Note: The operator slots that are not defined have an Operator Number of 0. Up to 30 operators can be defined per department. (Page through the list to find additional operator slots.) The operator totals must be enabled in each satellite for accumulation to take place in the master.

## Config-Department Number

To change the Master Editor current department, enter the new department number through the numeric keyboard or choose from the list. The new current department number will be displayed at the bottom of the Master Editor Menu screen.

---

## Config-Auto Configuration Rate

This section is used to set the rate of Autoconfiguration. Autoconfiguration is the transmission of satellite addresses (along with a request for connection command) to addresses not yet connected to the network. This permits addition of new satellites to the network without having to manually tell the Master about the new satellite. The autoconfigure rate is the time (in seconds) between each network autoconfiguration sequence. To set the auto configure rate, touch CONFIG followed by AUTO CONFIGURE RATE and enter the desired number of seconds (4-60) through the numeric keyboard. Setting the rate low may slow down network response. The default is 5.

---

## Config-Master Peripherals

This section is used to configure the Master's Host and Printer serial data ports, (located underneath the Model 84608461 scale and on the back of the 8360/8361). These are different serial ports than the satellite Aux. port located on the side of the scale. To configure the Master Peripherals, touch CONFIG followed by MASTER PERIPHERALS to display the **CONFIGURE SERIAL PORTS** screen with three options. Touch PRINTER to configure the printer port, HOST to configure the host port, or EXIT to return to the Master Editor Menu.

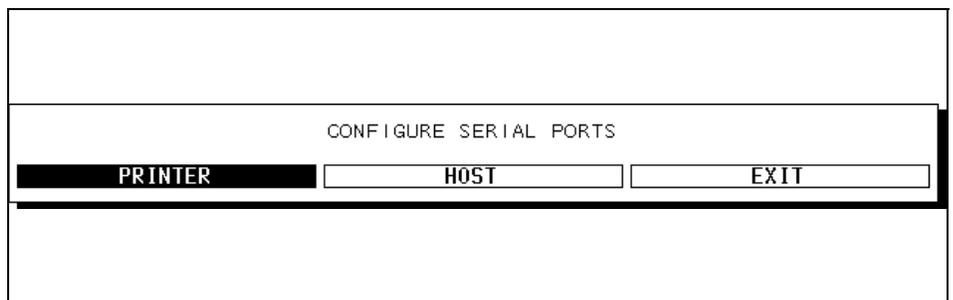


Figure 8-5: Master Peripheral Configuration Selection

## Printer Port

The printer port is for a serial printer like the METTLER TOLEDO 8845, and is used for printouts and reports from the Master. **The configuration of the printer must match the setup defined in this section.** To define the printer port setup, touch PRINTER to display the Printer Setup screen. After adjusting the printing parameters, touch EXIT to save the setup and return to the Master Editor Menu.

The screenshot shows a 'PRINTER SETUP' screen with the following fields and options:

- Baudrate:** 9.6K
- Parity:** OFF
- Stopbits:** 1
- Databits:** 8
- tiMeout:** 0mS
- Flow control:** XON/XOFF
- Printer initialization** (button)
- Printer Name** (text field)
- Printer Cancel** (button)
- set bold** (button)
- Release bold** (button)
- set Underline** (button)
- reLease underline** (button)
- set Tabs** (button)
- End tabs** (button)
- release tAbs** (button)
- eXit** (button)

Figure 8-6: Printer Setup Screen

### Baudrate

Touch BAUDRATE, then select the baud rate by touching the desired box in the selection screen.

### Parity

Touch PARITY and then select the parity by touching the desired box in the selection screen.

### Stopbits

Touch STOPBITS, then select the number of stop bits by touching the desired box in the selection screen.

### Databits

Touch DATABITS, then select the number of data bits by touching the desired box in the selections screen.

### Timeout

Touch TIMEOUT, then enter the timeout value in msec through the numeric keyboard.

### Flow Control

Touch FLOW CONTROL, then select the flow control method by touching the desired box. Note: **RTS/CTS** flow control is not supported in the hardware and should not be selected.

### Printer Initialization

Touch PRINTER INITIALIZATION, then enter the hexadecimal printer initialization string specific to your printer through the alphanumeric keyboard. Enter each hex character separated by a comma and space (i.e. 1B, 44, 00).

### Printer Name

Touch PRINTER NAME, then enter the name of your printer through the alphanumeric keyboard.

### Printer Cancel

Touch PRINTER CANCEL and then enter the hexadecimal printer cancel string specific to your printer through the alphanumeric keyboard. Enter each hex character separated by a comma and space (i.e. 1B, 44, 00).

### Set and release control codes

Touch the appropriate box (i.e. SET BOLD, RELEASE UNDERLINE), then enter the hexadecimal printer initialization string for the corresponding function specific to your printer through the alphanumeric keyboard. Enter each hex character separated by a comma and space (i.e. 1B, 44, 00).

---

## Host Port

The host port is located on the back of the Model 8360/8361 next to the QWERTY keyboard connection and underneath towards the back on the Model 8460/8361. (See next page.)

The host port is used for communication with the Master through a PC communication program (DataBack, Intelli-Net®, other). IntelliNet® is a PC database management tool available from METTLER TOLEDO®. DataBack is a PC program used to download and upload data records (without any editing ability) and is available as METTLER TOLEDO® Kit #0918-0027. **The configuration of the PC communication program must match the setup defined in this section.**

To define the host port setup, touch HOST to display the Host Setup screen (shown below). After adjusting the communication parameters (described below), touch EXIT to save the setup and return to the Master Editor Menu.

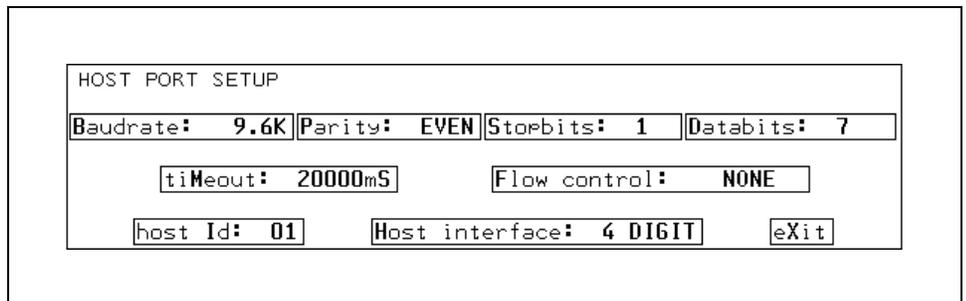


Figure 8-7: Host Setup Screen

### Baudrate - Flow Control

See the previous section, **Configure Printer Port** for an explanation of these parameters.

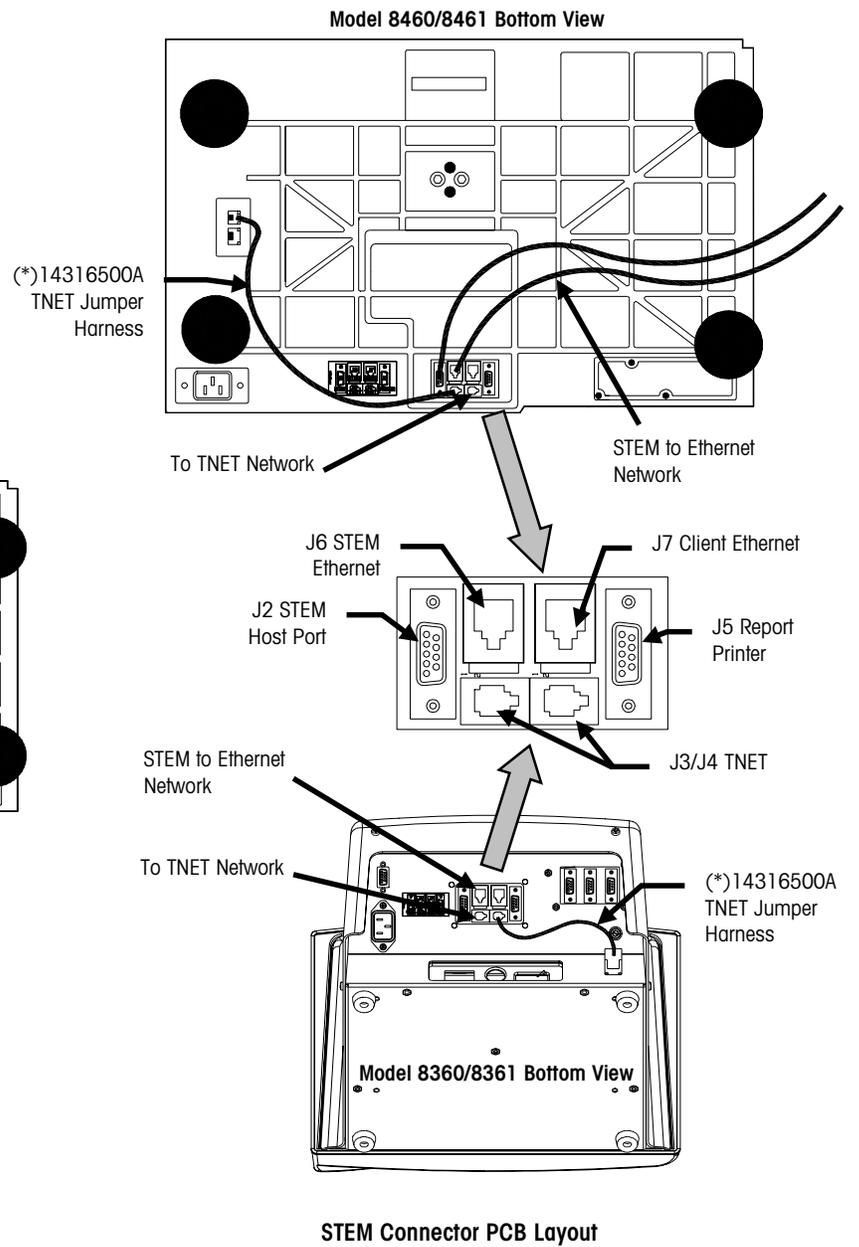
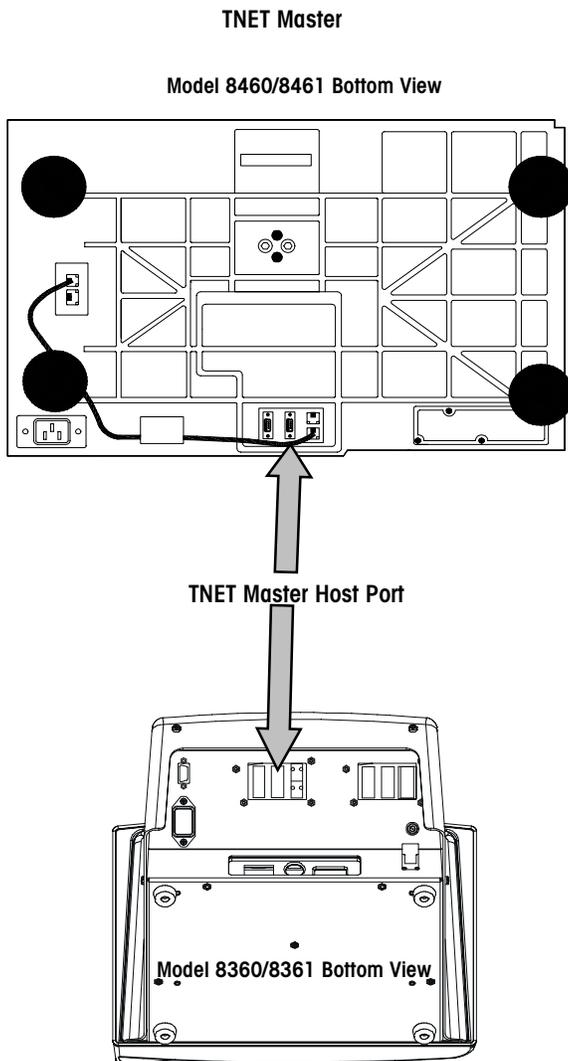
### Host ID

Touch HOST ID, then enter the Host ID number (1-99) via the numeric keyboard. Note that this number is used for communication between the scale and the PC communication program and is *in no way* related to the TNET ID number for Master/Satellite communication.

### Host Interface

Touch HOST INTERFACE to toggle between 4 digit and 6 digit host interface protocol.

**STEM**

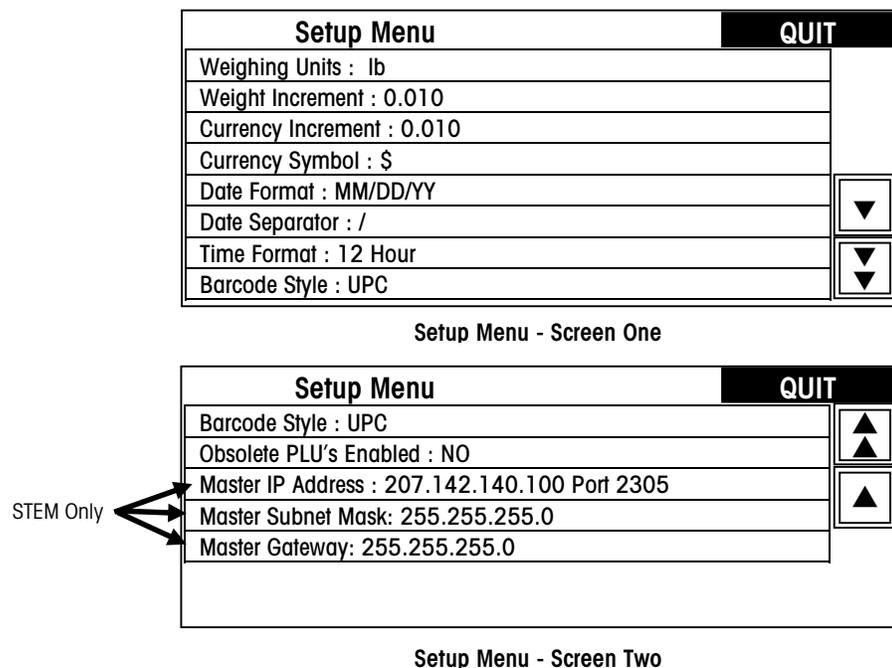


## Config-Database Diagnostics

This section is used for a factory diagnostic tool and should not be changed.

## Config-Setup Master

This section is defines master defaults including Weighing Units (lb/kg), Weight Increment, Currency increment, Currency Symbol, Date Format, Date Separator, and Time Format. Touch the Page Down key to display Barcode Style, Obsolete PLUs, and Master IP Address (STEM). When Obsolete PLUs are enabled, creating a regular pending PLU or PCO (Price Change Only) PLU will automatically create an Obsolete PLU with the old price, accumulators, effective time/date. The new PLU will have zero accumulators.



**Figure 8-8: Setup Master Screens**

### Weighing Units

This must match the weighing mode of the Clients and Satellites, either lb or kg.

### Weight Increment

This must match the weighing mode of the Clients and Satellites. Normally 0.010 lb or 0.005 kg.

---

## Currency Increment

The smallest division of the local currency.

---

## Currency Symbol

When selected, the Alphanumeric keyboard will display. The symbol can be any character on the keyboard.

---

## Date Format

Select from four different formats. MM/DD/YY, DD/MM/YY, YY/MM/DD, YY/MON/DD. Default is MM/DD/YY.

---

## Date Separator

Select the slash "/", dash "-", or period "." for a date separator.

---

## Time Format

Select either 12 hour or 24 hour time.

---

## Barcode Style

Select UPC or EAN barcodes.

---

## Obsolete PLU's

Enable or Disable obsolete PLUs. Obsolete accumulators are accumulators that are saved when weekly data for PLU's are updated.

---

## Master IP Address

(STEM Only) This is the address number the Ethernet Client Scales will use to find the STEM on the network. Enter the IP address and port number for the STEM. Always use **2305** for the port address. The master will reset after making the change.

**Local Use Networks** - If the Ethernet network is local, arbitrary numbers can be selected for the IP Address. The IP Address consists of a group of four numbers from 0 to 255, separated by periods, for example: 207.142.140.101. Do not duplicate numbers on the network.

**Use on Networks Connected to the Internet** - If the network connects to the Internet, the network IP addresses must be obtained and registered with American Registry for Internet Numbers (ARIN) (<http://www.arin.net>). When used on the Internet, the IP Address is used to specify hosts and networks. Internet Protocol (IP) numbers are part of a global, standardized scheme for identifying machines that are connected to the Internet. A Network Administrator or System Engineer should be consulted on these issues.

## Master Subnet Mask

(STEM Only) For a Subnet Mask on a local network, use an unused address such as 255.255.255.0.

A subnet mask is used with an IP address to subdivide a network into smaller networks, allowing a greater number of nodes on a network with a single IP address. The Subnet Mask is the part of the IP address used to represent a subnetwork within a logical network. By using Subnet Masks, network address space is available that would normally be unavailable. Subnet Masks also ensure broadcasts are not sent to the whole network unless intended.

The default Subnet Mask, 255.255.255.0, is recommended to reduce network traffic. When Subnet Mask, 255.255.255.0 is used, the broadcast range would be the local subnet only as follows:

**255.255.255.0** Subnet Mask  
**207.142.140.XXX** IP Address with a broadcast range of XXX.

**255.255.0.0** Subnet Mask  
**207.142.XXX.XXX** IP Address with a broadcast range of XXX.XXX

Using the Subnet Mask, 255.255.255.0, improves network performance by reducing broadcast traffic.

## Master Gateway

(STEM Only) For a Gateway address on a local network, use an unused address such as 255.255.255.0.

If the server (Scale Server or STEM) is on a different network (see Subnet Mask), the client will access the server by routing the request to the Default Gateway IP Address. The Gateway will route the request to other devices on the network to deliver the request to the server. The requested data from the server will then be routed through the Gateway to the requesting client. The Gateway must be on the same local network as the client.

## Config-Initialize RAM

This function will reset the master to factory defaults and **will clear out all database files** (PLU, NF, ET, Graphics, Totals, etc.). To access this function, select SETUP, MASTER EDITOR. Enter the password, then select CONFIG/INITIALIZE RAM. This displays a warning screen with a confirmation to reset the scale to factory defaults.

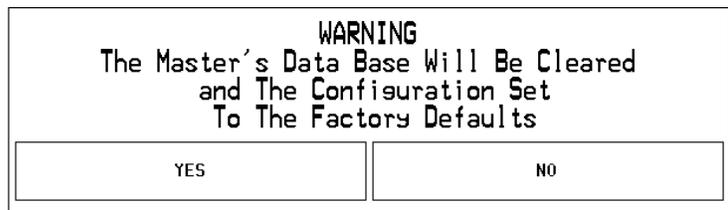


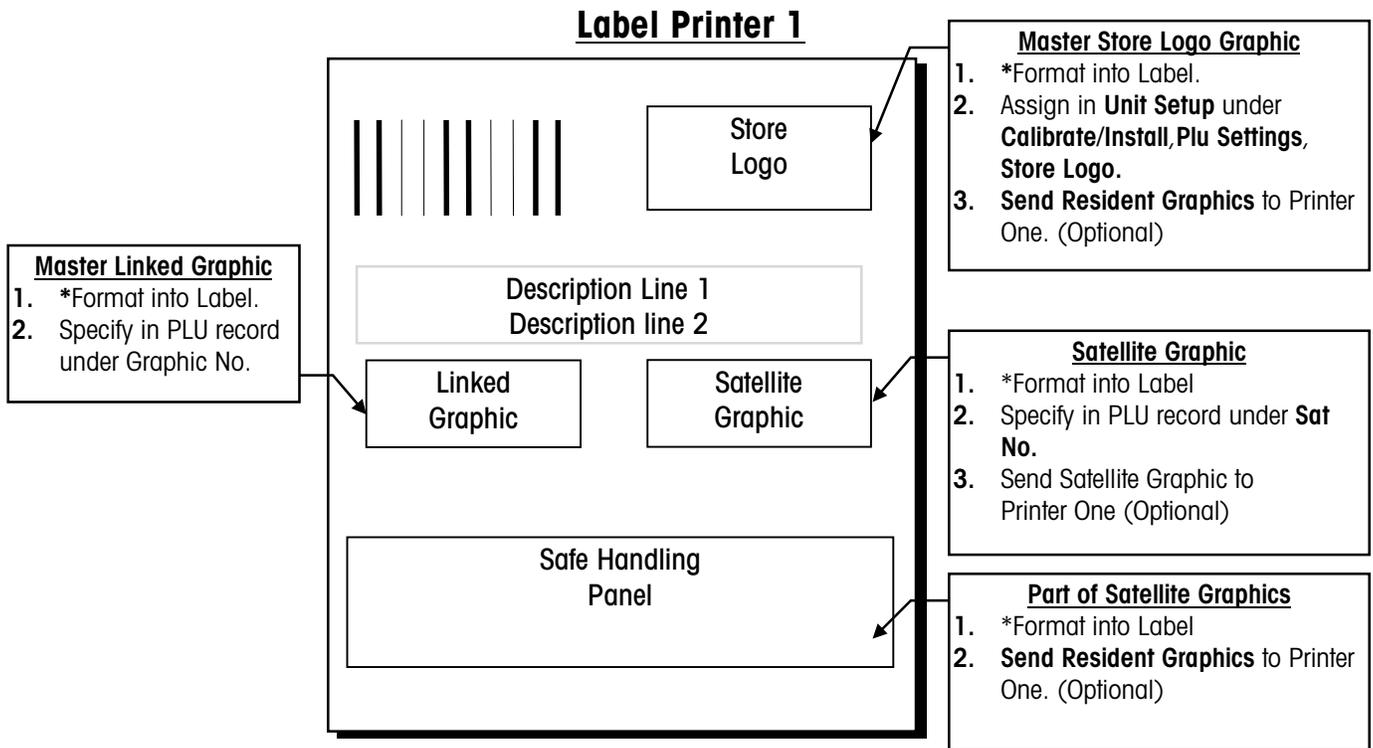
Figure 8-9: Initialize RAM selection screen

# 9

## Graphics

### Printing Graphics on the Model 8360 or 8361

The following section describes the graphics printing capability of the Model 8360 or 8361 with the Model 317 Standard Printer and DayGlo Printer.



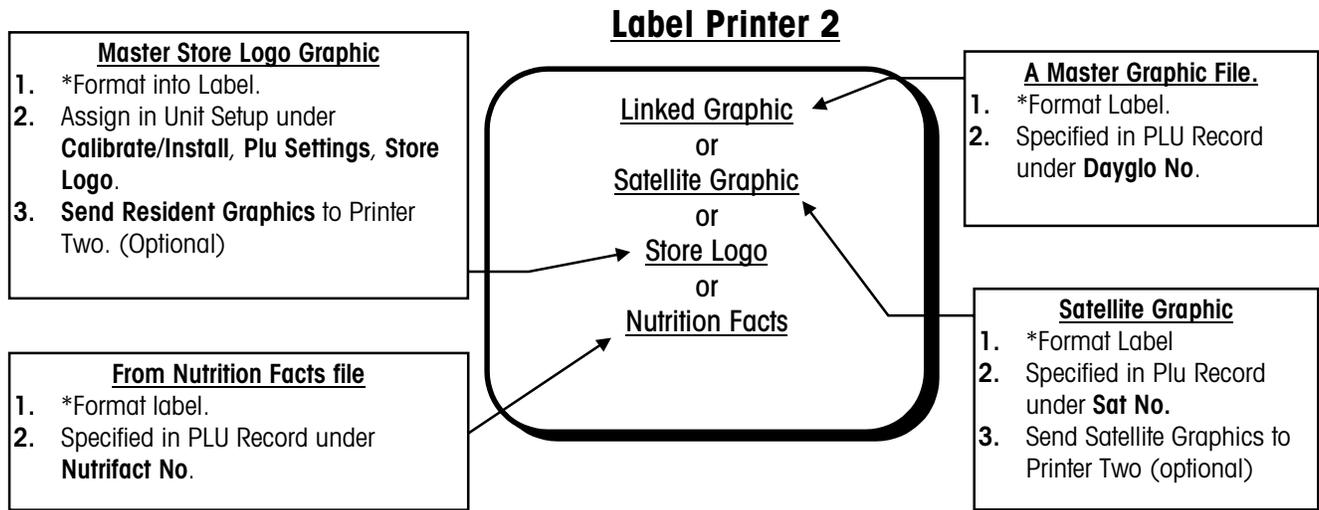
\* When formatting Graphics into a label you can accomplish this by creating a custom label format or by choosing a default format that contains the graphics setup.

Up to 4 Graphics can be printed on Printer 1 Label printer, 1 of each of the above.

There are only 2 graphic files, The **Master Graphic File** (stored in the master and may be added to and modified) and the **Satellite Graphic file** (which contains 15 graphics and the **Safe Handling Panel** and cannot be added to or modified)

If label 1 and label 2 both contain a **Satellite Graphic** the same graphic will print on both, only one **Satellite Graphic** can be specified in PLU Record.

Should the **Store Logo Graphic** ever be changed, the Model 8361 will automatically send the Logo to the printer. You can send **Resident Graphics** each time you change it if you wish.



\*Format is chosen in **Printer Setup/Printer 2**. When formatting Graphics into a label choose a default format that contains the graphics setup, or use a custom format.

## Model 8360 or 8361 Satellite Graphics

The following graphics are resident in the Model 8360 or 8361 satellite. The graphics are permanent and cannot be edited, added, or deleted.

Satellite Graphic #1



Satellite Graphic #2



Satellite Graphic #3



Satellite Graphic #4



Satellite Graphic #5



Satellite Graphic #6



Satellite Graphic #7



Satellite Graphic #8



Satellite Graphic #9



Satellite Graphic #10



Satellite Graphic #11



Satellite Graphic #12



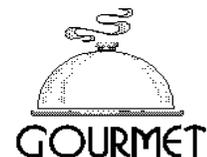
Satellite Graphic #13



Satellite Graphic #14



Satellite Graphic #15







**METTLER TOLEDO**  
**Scales & Service**  
1900 Polaris Parkway  
Worthington, Ohio 43240

P/N: A14736800A

(6/99)

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